

IMPROVEMENT PLANS FOR RHODES HOMES ARIZONA, LLC GOLDEN VALLEY RANCH PHASE 1 MASS GRADING

TRACT

A PORTION OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST,
GILA AND SALT RIVER MERIDIAN,
MOHAVE COUNTY, ARIZONA

ENGINEERS ESTIMATED QUANTITIES

STREETS

ITEM	QUANTITY AREA 1	QUANTITY AREA 2	QUANTITY AREA 3	TOTAL
A.C. PAVEMENT	128,330 SY	155,380 SY	114,700 SY	398,410 SY
TYPE II AGGREGATE BASE	144,780 SY	178,410 SY	138,950 SY	462,140 SY
ROLL CURB	86,530 LF	84,570 LF	59,900 LF	231,000 LF
A CURB	0 LF	0 LF	3,450 LF	3,450 LF
L CURB	0 LF	0 LF	4,080 LF	4,080 LF
SIDEWALK	156,800 SF	184,110 SF	133,160 SF	474,070 SF
VALLEY GUTTER	21,100 SF	18,740 SF	19,340 SF	59,180 SF

GRADING QUANTITIES

ITEM	CUT (CY)	FILL (CY)	NET (CY)
GOLF COURSE	1,744,100	203,200	1,540,900 C
AREA 1	66,500	841,400	554,900 F
AREA 2	102,400	724,800	832,200 F
AREA 3	360,400	33,000	327,400 F
AREA 5/6	9,500	465,000	455,500 F
TOTALS	2,302,800	2,427,800	124,700 F

STORM DRAIN

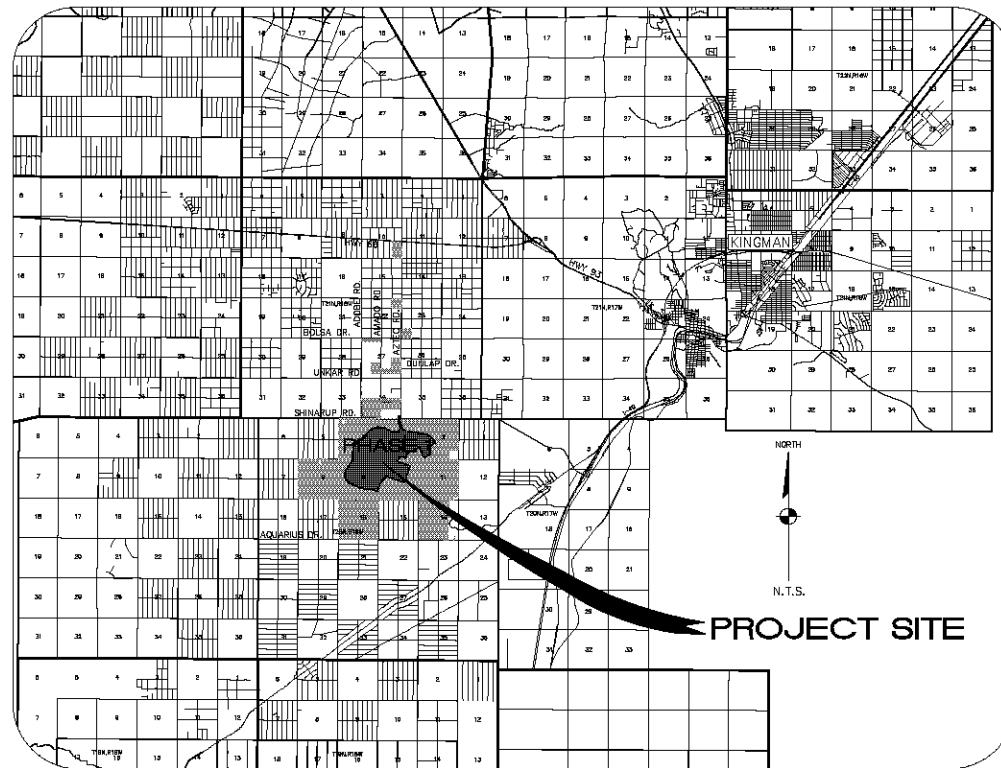
ITEM	TOTAL
27" RCP STORM DRAIN	1,237 LF
30" RCP STORM DRAIN	755 LF
48" RCP STORM DRAIN	1,039 LF
54" RCP STORM DRAIN	1,483 LF
42" RCP STORM DRAIN	230 LF
54" RCP STORM DRAIN	328 LF
STORM DRAIN MANHOLES	20 EA

NOTES: 1. QUANTITIES SHOWN ARE APPROXIMATIONS ONLY.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR
CALCULATING THE EXACT QUANTITIES.
2. FILL QUANTITIES ADJUSTED FOR A SHRINKAGE
FACTOR OF 8.5%.

LAND USE INFORMATION

	AREA 1	AREA 2	AREA 3
FLOOD ZONE DESIGNATION:	FEMA-C-A	FEMA-C-A	FEMA-C-A
TOTAL ACREAGE:	189.02 ACRES	207.33 ACRES	212.88 ACRES
TOTAL LOTS:	886 UNITS	824 UNITS	413 UNITS
AVERAGE LOT SIZE:	7,897 S.F.	16,523 S.F.	18,925 S.F.
MINIMUM LOT SIZE:	5,488 S.F.	4,099 S.F.	11,249 S.F.
DENSITY:	4.8 D.U./ACRE	3.87 D.U./ACRE	1.94 D.U./ACRE
LAND USAGE AND ZONING:	VACANT	VACANT	VACANT
CURRENT LAND USAGE:	SINGLE FAMILY RES.	SINGLE FAMILY RES.	SINGLE FAMILY RES.
PROPOSED LAND USAGE:	MASTER PLAN	MASTER PLAN	MASTER PLAN
COMMON ELEMENT:	5.27 ACRES	7.76 ACRES	3.06 ACRES
PARK, DRAINAGE AREAS			

GEOTECHNICAL EVALUATION BY: AMERICAN SOLID ENGINEERING, LLC
(702) 889-8817, FAX (702) 889-8814. REPORT DATED SEPT 12, 2005.
PROJ. NO. 1080-002



VICINITY MAP

N.T.S.

SHEET INDEX

SHEET NO.	DWG. NO.	DRAWING TITLE
1	C1	OWNER SHEET
2	NOTES	GENERAL NOTES, ABBREVIATIONS, LEGEND
3	K1	OVERALL KEY MAP
4-8	DT1 TO DT5	DETAILS
9-32	A1-GR1 TO A1-GR24	AREA 1 GRADING PLANS
33-83	A2-GR1 TO A2-GR31	AREA 2 GRADING PLANS
84-88	A3-GR1 TO A3-GR25	AREA 3 GRADING PLANS
89-94	MG-GR1 TO MG-GR8	AREA 5/6 MASS GRADING PLANS

OWNER

SOUTH DAKOTA CONSERVANCY LLC
4730 S. FORT APACHE RD.
SUITE 300
LAS VEGAS, NEVADA 89147
(702) 873-5538

DEVELOPER

RHODES HOMES ARIZONA, LLC
2315 HUAPAI MTR. RD.
SUITE H
KINGMAN, ARIZONA 86401
(928) 718-2210

ENGINEER / SURVEYOR

STANLEY CONSULTANTS, INC.
5820 S. EASTERN AVENUE
SUITE 200
LAS VEGAS, NEVADA 89119
(702) 388-9396

BASIS OF BEARINGS

NORTH 001°35' EAST - THE WEST LINE OF THE NORTHWEST
QUARTER (NW 1/4) OF SECTION 20, TOWNSHIP 20 NORTH, RANGE
18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY,
ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM
OF 1983 (AZH-83), WEST ZONE, INTERNATIONAL FOOT (FT).
UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NIS-OPUS.

M.C.S.D. "83" 35' = LATITUDE 35°09'22.430337N,
LONGITUDE 114°10'58.56309"W (NAD '83)
HEIGHT 2468.56854M (NAVD'83)

BENCHMARK

BENCHMARK # "A2T 5" M.C.S.D.
ELEVATION = 2658.468M (NGVD '29)
CONVERSION = 2662.014M (NAVD '83) - 2.546 = 2659.468M (NGVD '29)

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE
STAMP MOHAVE COUNTY 1888 "7.8 10343"
LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.

CONTRACTOR'S NOTE

CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY
DISCREPANCY BETWEEN INFORMATION ON PLANS AND EXISTING
SITE CONDITIONS.

SOURCE OF TOPOGRAPHY

EXISTING GROUND TOPOGRAPHY WAS DEVELOPED FROM TWO SOURCES:
1. MOHAVE ENGINEERING AND ASSOCIATES, INC. (AERIAL - 2" CONTOURS), DATED 12/21/04
2. AEROTECH MAPPING (AERIAL - 2" CONTOURS), DATED 1/13/05
BOTH AERIAL SURVEYS WERE DONE ON NGVD 29 AND WERE CONVERTED TO NAVD83 BY RAISING
SURFACE ELEVATIONS A DISTANCE OF 2.546 FT BASED ON MGS-OPUS SOLUTIONS OF FAST STATIC
SURVEY ON MOHAVE COUNTY CONTROL POINT 35.

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN
HEREON ARE APPROXIMATE
ONLY. IT SHALL BE THE
CONTRACTOR'S RESPONSIBILITY
TO DETERMINE THE EXACT
HORIZONTAL AND VERTICAL
LOCATION OF ALL EXISTING
UNDERGROUND OR OVER-
HEAD UTILITIES PRIOR TO
COMMENCING CONSTRUCTION.
NO REPRESENTATION IS MADE
THAT ALL EXISTING UTILITIES
ARE SHOWN HEREON. THE
ENGINEER ASSUMES NO
RESPONSIBILITY FOR UTILITIES
NOT SHOWN OR UTILITIES
LOCATED IN THEIR PROPER
LOCATION.

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(4-800-999-4747)
Call before you overhead
1-878-753-5591
(4-800-999-4747)



DATE	10-18-05
CHECKED BY	SH/DB
DRAWN BY	CA/RM
SCALE (V) NONE	
SCALE (H) NONE	

DATE	10-18-05
CHECKED BY	SH/DB
DRAWN BY	CA/RM
SCALE (V) NONE	
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Stanley Consultants inc.

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
PHASE 1 MASS GRADING PLAN
COVER

SHEET	C1
1 OF 94 SHEETS	
PROJECT#	18449

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 10-18-05

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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DATE: 10-18-05

BASIS OF BEARINGS

NORTH 001°38' EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (FT) UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

N.G.S.D. "SD 32" - LATITUDE 35°02'22.70034"N, LONGITUDE 114°09'21.57840"W (NAD '83), HEIGHT 2682.463911H (NAVD'88)

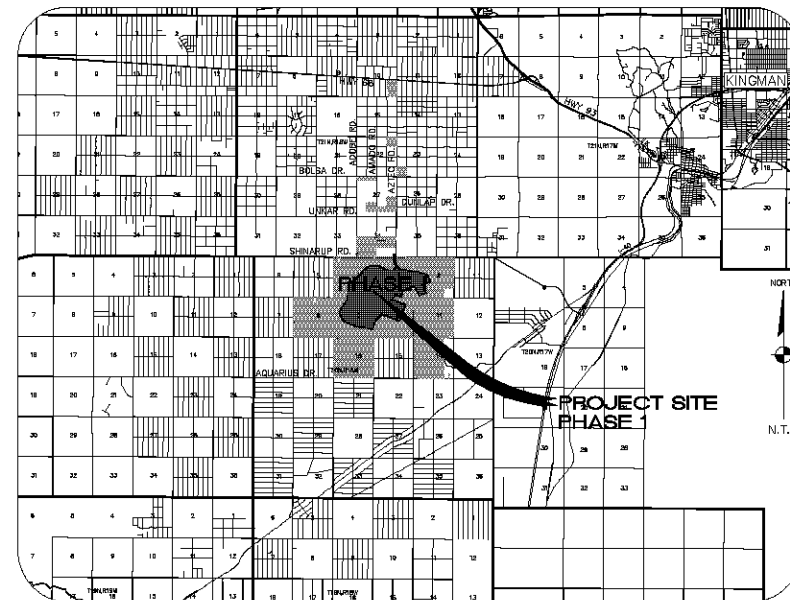
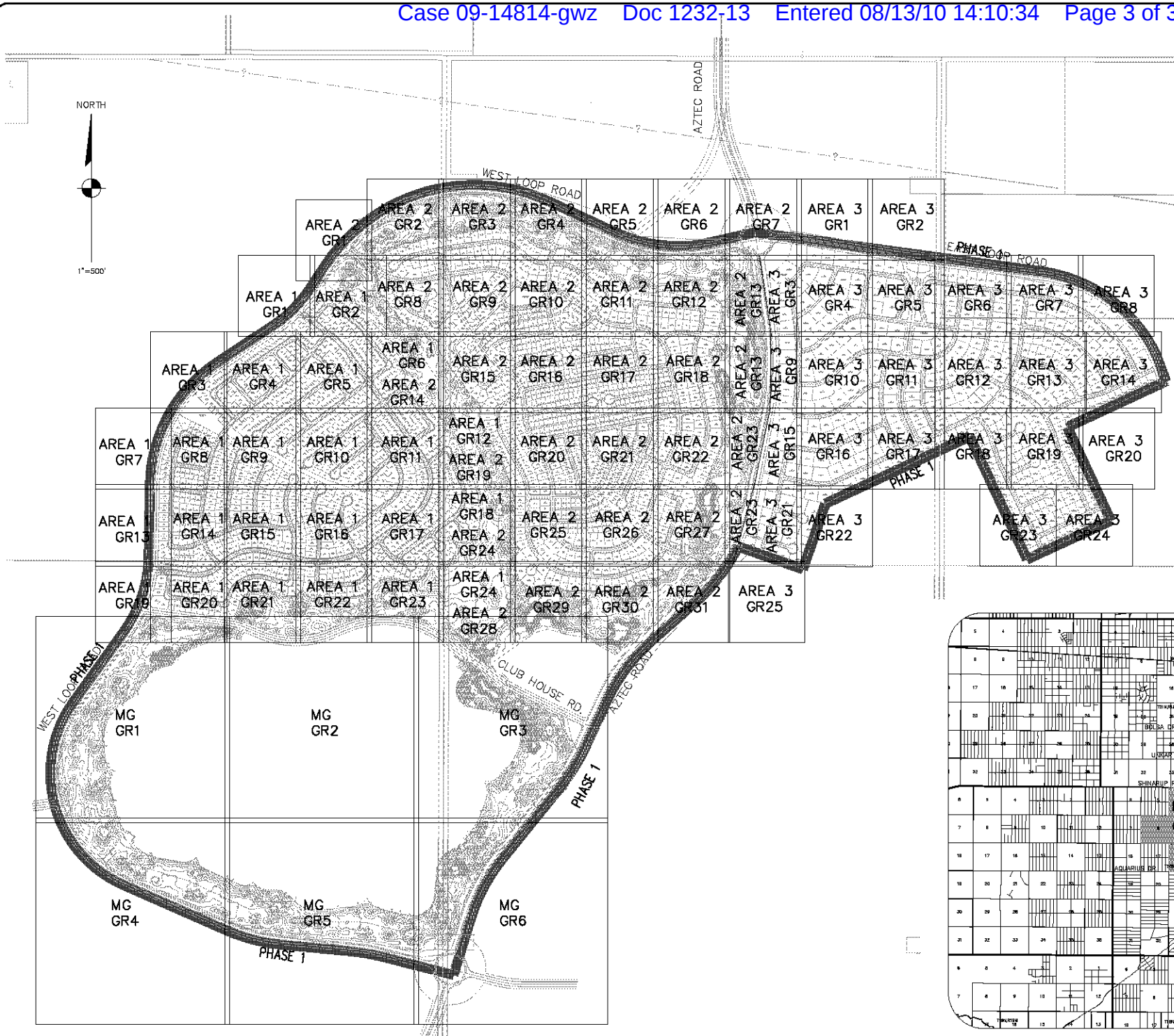
STONE 1/4 COR 3/2 - LATITUDE 35°02'55.53289"N, LONGITUDE 114°10'30.72281"W (NAD '83), HEIGHT 2488.204581H (NAVD'88)

BENCHMARK

BENCHMARK # "SD 34" M.C.S.D. ELEVATION= 2580.24273 FT (NAVD '88)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343"

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 10-18-05



VICINITY MAP
N.T.S.

KEY MAP
SCALE: 1"=500'

SCALE (H) AS SHOWN

SCALE (V) NONE

DRAWN BY: GVR/RA

CHECKED BY: SH/DB

DATE: 10-18-05

5600 S. Eastern Avenue, Suite 300
Phoenix, Arizona 85034
www.stanleyconsultants.com



Stanley Consultants Inc.

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

PHASE I MASS GRADING PLAN

KEY MAP

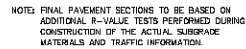
MOHAVE COUNTY

SHEET
K1

3 OF 94 SHEETS

PROJECT# 18449

DATE: 10-18-05



NOTE: FINAL PAVEMENT SECTIONS TO BE BASED ON
ADDITIONAL R-VALUE TESTS PERFORMED DURING
CONSTRUCTION OF THE ACTUAL SUBGRADE
MATERIALS AND TRAFFIC INFORMATION.

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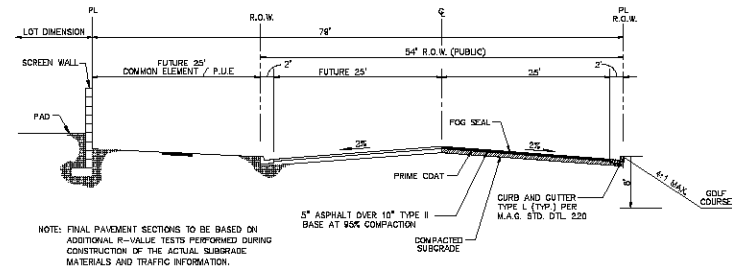
NOTE: FINAL PAVEMENT SECTIONS TO BE BASED ON ADDITIONAL R-VALUE TESTS PERFORMED DURING CONSTRUCTION OF THE ACTUAL SUBGRADE MATERIALS AND TRAFFIC INFORMATION.

REMOVABLE BOLLARD DETAIL
N.T.S.



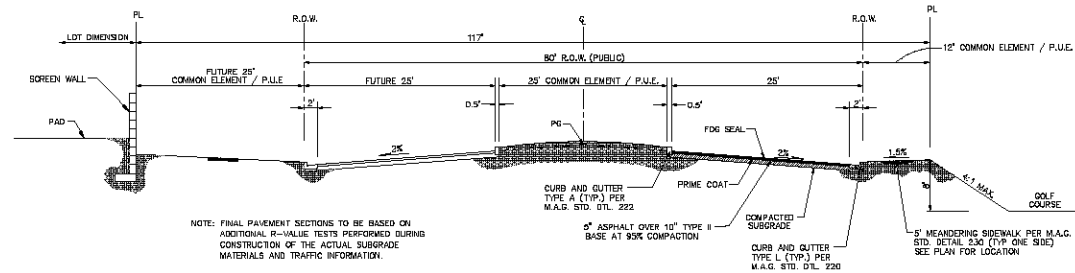
PRELIMINARY ISSUE FOR REVIEW
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SHEET
DT1
4 OF 94 SHEETS
SCI PROJECT#
18449



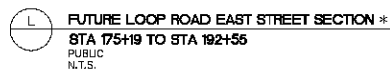
1 FUTURE CLUBHOUSE ROAD STREET SECTION *
PUBLIC / PRIVATE UTILITY EASEMENT
N.T.S.

* CLUBHOUSE ROAD IMPROVEMENTS TO BE PART OF
OFF-SITE ROADWAY IMPROVEMENT PACKAGE
PREPARED BY STANLEY CONSULTANTS



K FUTURE LOOP ROAD WEST STREET SECTION *
STA 153+81 TO STA 172+24
PUBLIC
N.T.S.

* LOOP ROAD IMPROVEMENTS TO BE PART OF OFF-SITE ROADWAY IMPROVEMENT PACKAGE PREPARED BY STANLEY CONSULTANTS



GEOTECHNICAL NOTE:
ALL CONSTRUCTION SHALL CONFORM WITH THE
SOILS REPORT PREPARED BY: AMERICAN SOILS
ENGINEERING, LLC.
DATED: 12 SEPTEMBER 05
PROJECT # 05-1160-000

NORTH 00°13'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (IFT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "30 32" =	LATITUDE 35°08'22.70034"N LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2562.46391ft (NAVD'88)
STONE 1/4 COR 3/2 -	LATITUDE 35°08'55.53385"N LONGITUDE 114°10'30.72281"W (NAD '83) HEIGHT 2498.20458ft (NAVD'88)

BENCHMARK # "SO 34" M.C.S.D.
ELEVATION= 2590.24273 IFT (NAVD '88)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF
THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R.18 W. AND THE
INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SO 34-1988
RLS 10343."

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 10-18-05

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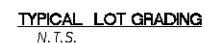
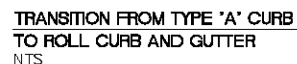
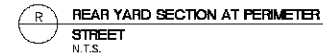
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PHASE I MASS GRADING PLAN
DETAILS

SHEET
DT2
5 OF 94 SHEETS
SCI PROJECT#
18449



ALL CONSTRUCTION SHALL CONFORM WITH THE
SOILS REPORT PREPARED BY: AMERICAN SOILS
ENGINEERING, LLC.
DATED: 12 SEPTEMBER 05
PROJECT No.: 1080-GEO

NORTH 0013°36" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (FT). UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPVS.

N.C.S.D. "SD 32" - LATITUDE 36°09'22.70034"N
LONGITUDE 114°09'21.57240"W (NAD '83)
HEIGHT 2562.46391M (NAVD'88)

STONE 1/4 COR 3/2 = LATITUDE 36°08'55.53365"N
LONGITUDE 114°10'30.72281"W (NAD '83)
HEIGHT 2408.20458M (NAVD'88)

BENCHMARK
BENCHMARK \pm "50 34" M.C.S.D.
ELEVATION = 2590.24273 IFT (NAVD '88)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R.18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 1990 RLS 10343."

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 10-18-05

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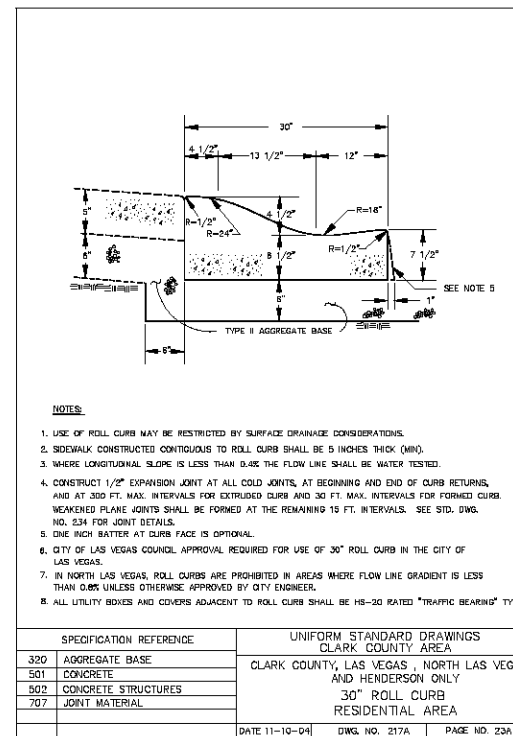
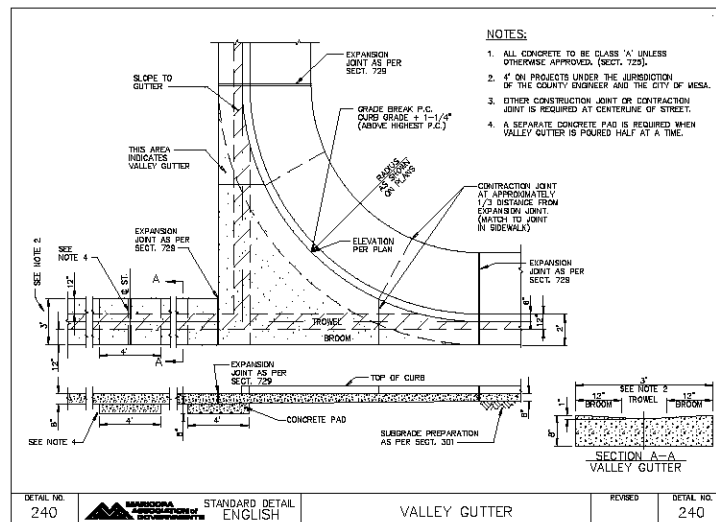
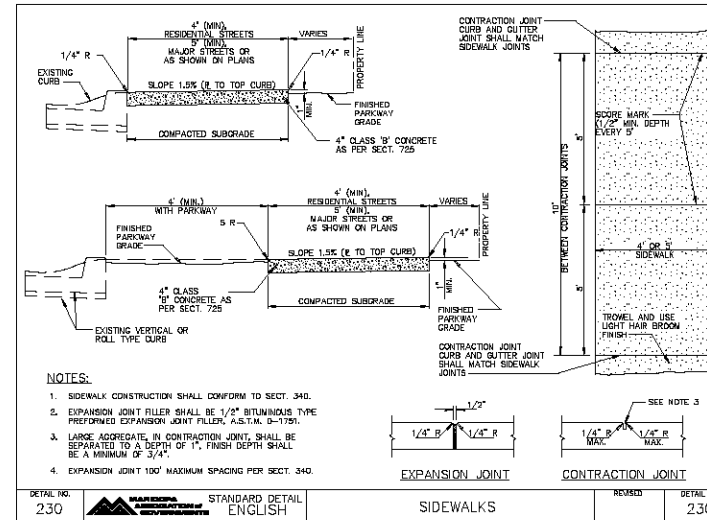
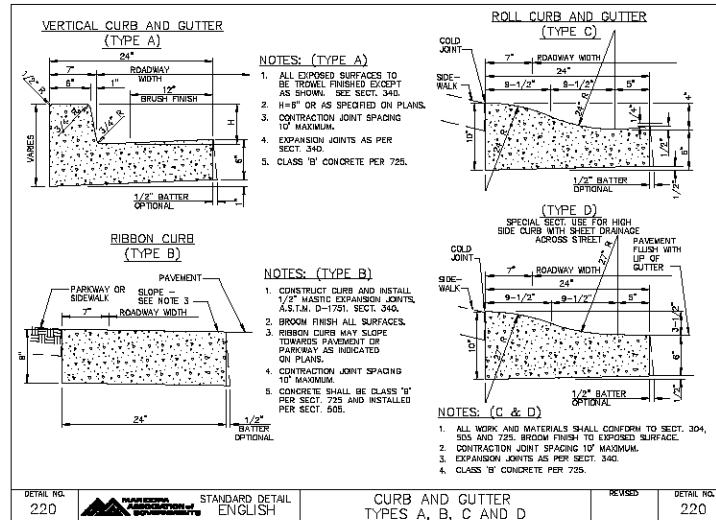
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PHASE I MASS GRADING PLAN
DETAILS

SHEET
DT3
6 OF 94 SHEETS
SCI PROJECT#
18449

**GEOTECHNICAL NOTE**

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC. DATED: 12 SEPTEMBER 05 PROJECT No.: 1060-GE0

BASIS OF BEARINGS

NORTH 001°3'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 16 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), NAD 83, ZONE 12, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-GRUS.

N.C.S.D. "SD 32" - LATITUDE 36°58'25.70534"N, LONGITUDE 114°10'59.32244"W (NAD 83) HEIGHT 2562.46391FT. (NAVD 83)

STONE 1/4 COR 3/2 = LATITUDE 36°58'35.53385"N, LONGITUDE 114°10'59.72288"W (NAD 83) HEIGHT 2488.25458FT. (NAVD 83)

BENCHMARK

BENCHMARK # "SD 34" M.C.S.D. ELEVATION: 2560.24273 FT. (NAVD 83)

DESCRIPTION: ALUM CAP 3" DIA., SET IN CONC. 55 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 1999 JUL 10/53"

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 10-18-05

DISCLAIMER NOTE

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Overhead
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(10-05)



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REVISION	
BY	
CHECKED	
DATE	10-18-05

SCALE (H) NOTE	
SCALE (V) NOTE	
DRAWN BY CA/PM	
CHECKED BY SH/DB	
DATE	10-18-05

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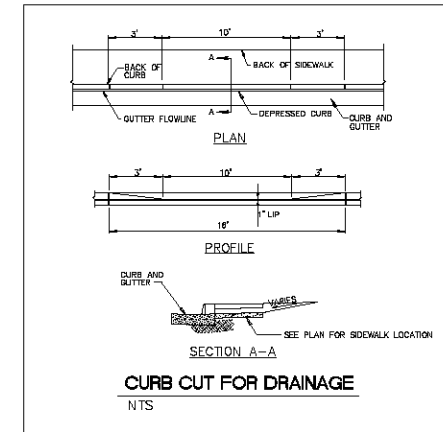
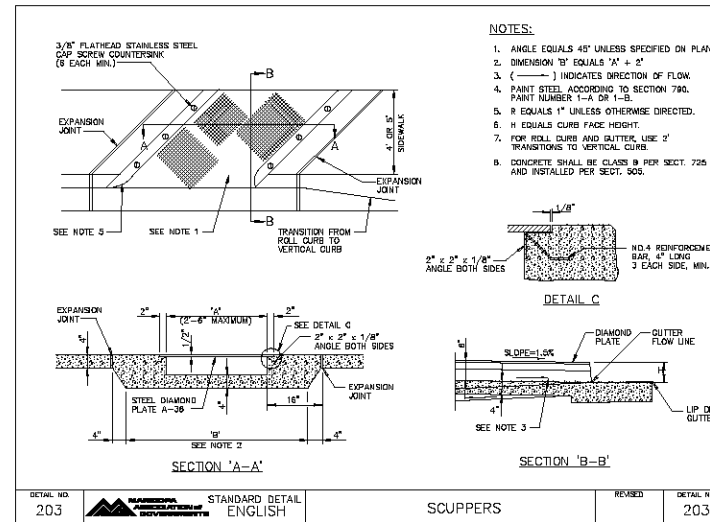
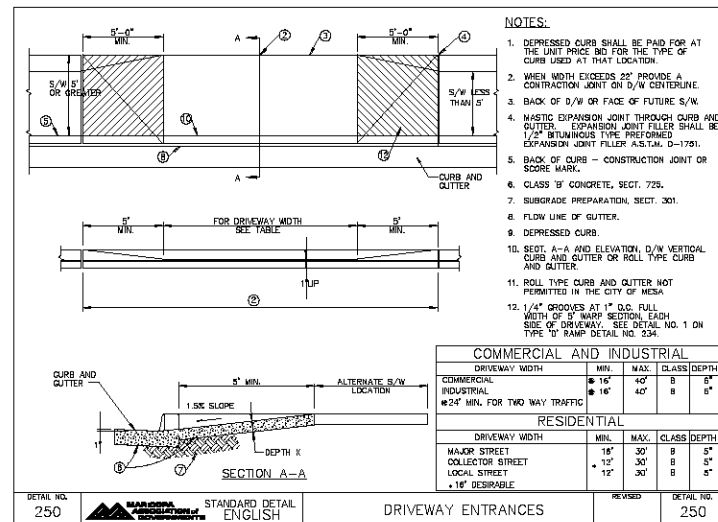
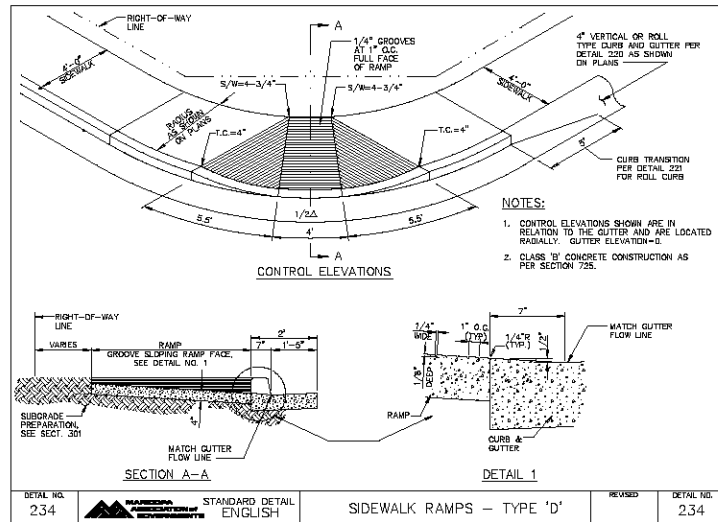


ARIZONA

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
PHASE I MASS GRADING PLAN
DETAILS

SHEET
DT4
7 OF 94 SHEETS

SCI PROJECT#
184-19

**GEOTECHNICAL NOTE:**

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC. DATED: 12 SEPTEMBER 05. PROJECT NO.: 1060-GE0

BASIS OF BEARINGS

NORTH 00°13'00" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 16 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (ACRS-83), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-GPUS.

M.C.S.D. "SD 35" = LATITUDE 33°08'22.70034"N, LONGITUDE 114°05'51.97242"W (NAD '83), HEIGHT 2465.463179' (NAVD83)

STONE 1/4 COR 3/2 = LATITUDE 30°08'55.53385"N, LONGITUDE 114°03'00.72281"W (NAD '83), HEIGHT 2465.304581' (NAVD83)

BENCHMARK

BENCHMARK # "SD 34" M.C.S.D. ELEVATION = 2580.24673 FT (NAVD '83)

DESCRIPTION: ALUM CAP 2" DIA, SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 16 W. AND THE INTERSECTION OF SHENARUMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343"

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DATE	BY	REVISION

SCALE (H) NOTE
SCALE (V) NOTE
DRAWN BY CA/RM
CHECKED BY SH/DB
DATE 10-18-05

3500 S. Eastman Avenue, Suite 300
Las Vegas, Nevada 89119
Tel: 702.735.1111 Fax: 702.735.1112
www.stanleyconsultants.com

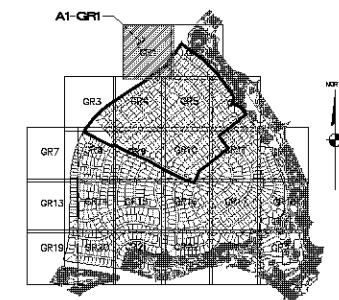
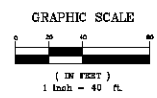
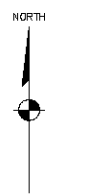
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PHOENIX ARIZONA, LLC
GOLDEN VALLEY RANCH
PHASE I MASS GRADING PLAN
DETAILS

ARIZONA
MOHAVE COUNTY


































SHEET
DT5
8 OF 94 SHEETS
SCI PROJECT#
184-19

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 10-18-05



KEYMAP
N.T.S.

LEGEND

-  = DRIVEWAY
-  = HIGH POINT SWALE DIRECTION
-  = EXISTING GRADE
-  = FUTURE GRADE
-  = TOP OF RET. WALL/TOP OF FOOTING
-  = PAD HIGH POINT ELEVATION
-  = FLOWLINE ELEVATION
-  = CENTERLINE FINISHED GRADE ELEVATION
-  = TOP OF CURB ELEVATION
-  = FINISHED GRADE ELEVATION
-  = RATE & DIRECTION OF SLOPE
-  = TOP OF GRADE STATIONING
-  = RETAINING WALL
-  = PERIMETER BLOCK WALL
-  = PROPERTY LINE
-  = GRADE BREAK
-  = EASEMENT LINE
-  = CENTER LINE
-  = EXISTING LINE
-  = FUTURE LINE
-  = SCARP
-  = FINISHED FLOOR ELEVATION
-  = PAD ELEVATION
-  = EXISTING CONTOUR
-  = LOT NUMBER
-  = SWALE
-  = SUBDIVISION/UNIT BOUNDARY
-  = 5 FT TRANSITION (1/4 CURB TO 3/4 CURB)
-  = CURB, GUTTER, AND SIDEWALK
-  = 5 FT RAMP
-  = DRAINAGE EASEMENT
-  = PUBLIC ACCESS EASEMENT
-  = PRIVATE UTILITY EASEMENT

NOTE: ALL NOTES NOT USED ON ALL SHEETS

NORTH 00°13'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1883 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (IFT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. *SD 32* - LATITUDE 35°08'22.70034"N,
LONGITUDE 114°08'21.57240"W (I
HEIGHT 2582.46391ft (NAVD'83)

STONE 1/4 COR 3/2 = LATITUDE 35°08'55.53386"N,
LONGITUDE 114°10'30.72281"W (I
HEIGHT 2468.20458ft (NAVD'83)

BENCHMARK # "SD 34" M.C.S.D.
 ELEVATION= ZSSO.24273 IFT (NAVD 88)
 DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF
 THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R.16 W. AND THE
 INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 1989
 RLS 10343."

ALL CONSTRUCTION SHALL CONFORM WITH THE
SOILS REPORT PREPARED BY: AMERICAN SOILS
ENGINEERING, LLC.
DATED: 12 SEPTEMBER 05
PROJECT No.: 1060-GEO

FEMA MAP: PANEL NO. 04005B 2325C
MAP UPDATE: OCT 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.


NOTE:
ADD 2400' TO ALL ELEVATIONS LESS THAN 500'
ON AREA 1 GRADING PLANS TO GET ACTUAL
ELEVATION.

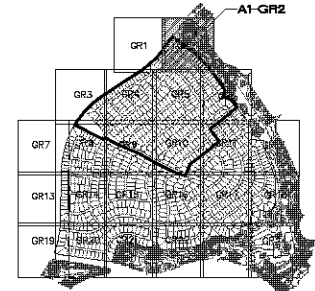
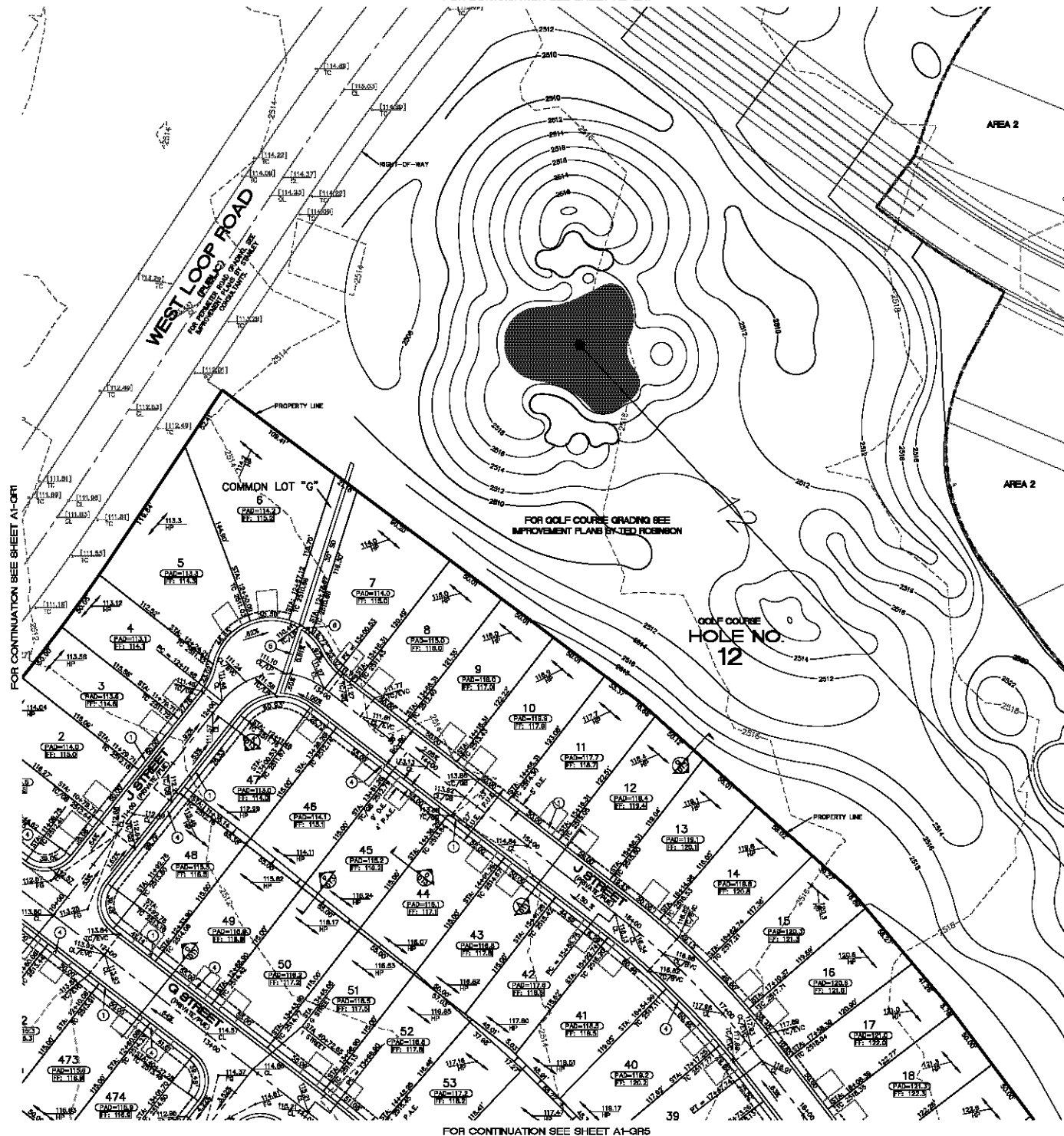
UTILITY LOCATIONS SHOWN
HEREON ARE APPROXIMATE
ONLY. IT SHALL BE THE
CONTRACTOR'S RESPONSIBILITY
TO DETERMINE THE EXACT
HORIZONTAL AND VERTICAL
LOCATION OF ALL EXISTING
UNDERGROUND DR OR OVER-
HEAD UTILITIES PRIOR TO
COMMENCING CONSTRUCTION.
NO REPRESENTATION IS MADE
THAT ALL EXISTING UTILITIES
ARE SHOWN HEREON. THE
ENGINEER ASSUMES NO
RESPONSIBILITY FOR UTILITIES
NOT SHOWN OR UTILITIES
NOT SHOWN IN THEIR PROPER
LOCATION.

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PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 10-18-05

RHODES HOMES ARIZONA, LLC GOLDEN VALLEY RANCH AREA 1 GRADING PLAN 1	ARIZONA MOHAVE COUNTY
SHEET A1-GRI 9 OF 94 SHEETS	
SQ PROJECT # 18449	
	
1850 S. Eastern Avenue, Suite 300 Phoenix, Arizona 85004 (702) 390-1500 Fax (702) 366-9793 www.stanleyinc.com	
Stanley Consultants INC.	



KEYMAP
N.T.S.

CONSTRUCTION NOTES

- 1 30" ROLL CURB AND GUTTER PER DETAIL NO. 2174 ON SHEET D74
- 2 24" VERTICAL CURB AND GUTTER PER M.G. STD. DETAIL NO. 230 (TYPE A) (SEE DETAIL SHEET D74)
- 3 5' CURB TRANSITION PER DETAIL ON SHEET D73
- 4 CONCRETE SIDEWALK PER M.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D74)
- 5 VALLEY GUTTER PER M.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D74)
- 6 DROP CURB PER DETAIL ON SHEET D75
- 7 SIDEWALK SCUPPER PER M.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D73)
- 8 24" RIBBON CURB PER M.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D74)
- 9 TYPE A SINGLE CURB PER M.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BASIS OF BEARINGS

NORTH 007°30' EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, Q1A & SALT RIVER MEDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-SPUS

M.C.S.D. "30 32" = LATITUDE 30°09'23.7033"N, LONGITUDE 114°07'51.0724"W (NAD 83) HEIGHT 2562.483011E (NAVD 80)

STONE 1/4 COR 3/2 = LATITUDE 30°09'50.5338"N, LONGITUDE 114°07'50.7228"W (NAD 83) HEIGHT 2488.504581E (NAVD 80)

BENCHMARK

BENCHMARK # "30 34" M.C.S.D. ELEVATION= 2560.24273 FT (NAVD 80)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHILARUMP DR. AND HOPE RD., STAMPED "30 34 1898 RLS 10343"

GEOTECHNICAL NOTE

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY AMERICAN SOILS ENGINEERING, LLC, DATED 12 SEPTEMBER 09, PROJECT NO. 1000-GE0

FEMA FLOOD ZONE

FEMA MAP: PANDL NO. 040008 2320C, MAP UPDATE: OCT 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A", THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:

ADD 2400' TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION

LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 5 FT TRANSITION ("C" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 10-18-05



DATE	BY	REVISION

SCALE (H) 1" = 40'
SCALE (V) 1" = 10'
DRAWN BY CA/TM
CHECKED BY SH/DB
DATE 10-18-05

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Las Vegas, Nevada 89119
Tel: (702) 446-9793
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PHODES HONES ARIZONA, LLC
GOLDEN VALLEY RANCH
AREA 1
GRADING PLAN 2
SHEET
A1-QR2
10 OF 94 SHEETS
SCI PROJECT# 184-19



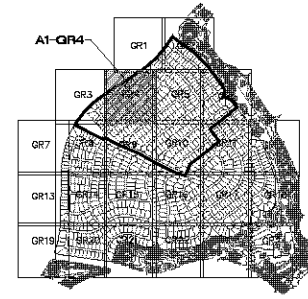
FOR CONTINUATION SEE SHEET A1-QR1



FOR CONTINUATION SEE SHEET A1-QR4



GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

KEYMAP
N.T.S.

CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
- 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET D14)
- 5" CURB TRANSITION PER DETAIL ON SHEET D13
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D14)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D14)
- DROP CURB PER DETAIL ON SHEET D15
- SIDEWALK SCUMPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D13)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D14)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BASIS OF BEARINGS

NORTH 007°32' EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 32, TOWNSHIP 20 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NAD), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATE OBSERVATIONS PROCESSED BY NGS-ORIS.

N.C.S.D. "SD 32" - LATITUDE 35°06'22.70034"N
LONGITUDE 114°08'21.87240"W (NAD 83)
ELEVATION 2592.443311 ft (NAVD83)

STONE 1/4 COR 3/2" - LATITUDE 35°06'25.63385"N
LONGITUDE 114°10'30.72281"W (NAD 83)
ELEVATION 2488.204581 ft (NAVD83)

BENCHMARK

BENCHMARK # SD 24" M.C.S.S.

ELEVATION: 2592.4473 FT (NAVD 83)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N. R. 18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 103A.1"

GEOTECHNICAL NOTE

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC.
DATED: 12 SEPTEMBER 05
PROJECT NO.: 1036-020

FEMA FLOOD ZONE

FEMA MAP: PANEL NO. 420505 2325C

MAP UPDATE: OCT 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:

200 2400' TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

LEGEND

- = DRIVEWAY
- = HIGH POINT SWALE DIRECTION
- = EXISTING GRADE
- = FUTURE GRADE
- = TOP OF RET. WALL/TOP OF FOOTING
- = PAD HIGH POINT ELEVATION
- = FLOWLINE ELEVATION
- = CENTERLINE FINISHED GRADE ELEVATION
- = TOP OF CURB ELEVATION
- = FINISHED GRADE ELEVATION
- = RATE & DIRECTION OF SLOPE
- = TOP OF CURB STATIONING
- = RETAINING WALL
- = PERIMETER BLOCK WALL
- = PROPERTY LINE
- = GRADE BREAK
- = EASEMENT LINE
- = CENTER LINE
- = EXISTING LINE
- = FUTURE LINE
- = SCARP
- = FINISHED FLOOR ELEVATION
- = PAD ELEVATION
- = EXISTING CONTOUR
- = LOT NUMBER
- = SEWER
- = SUBDIVISION/UNIT BOUNDARY
-

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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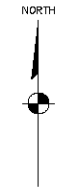
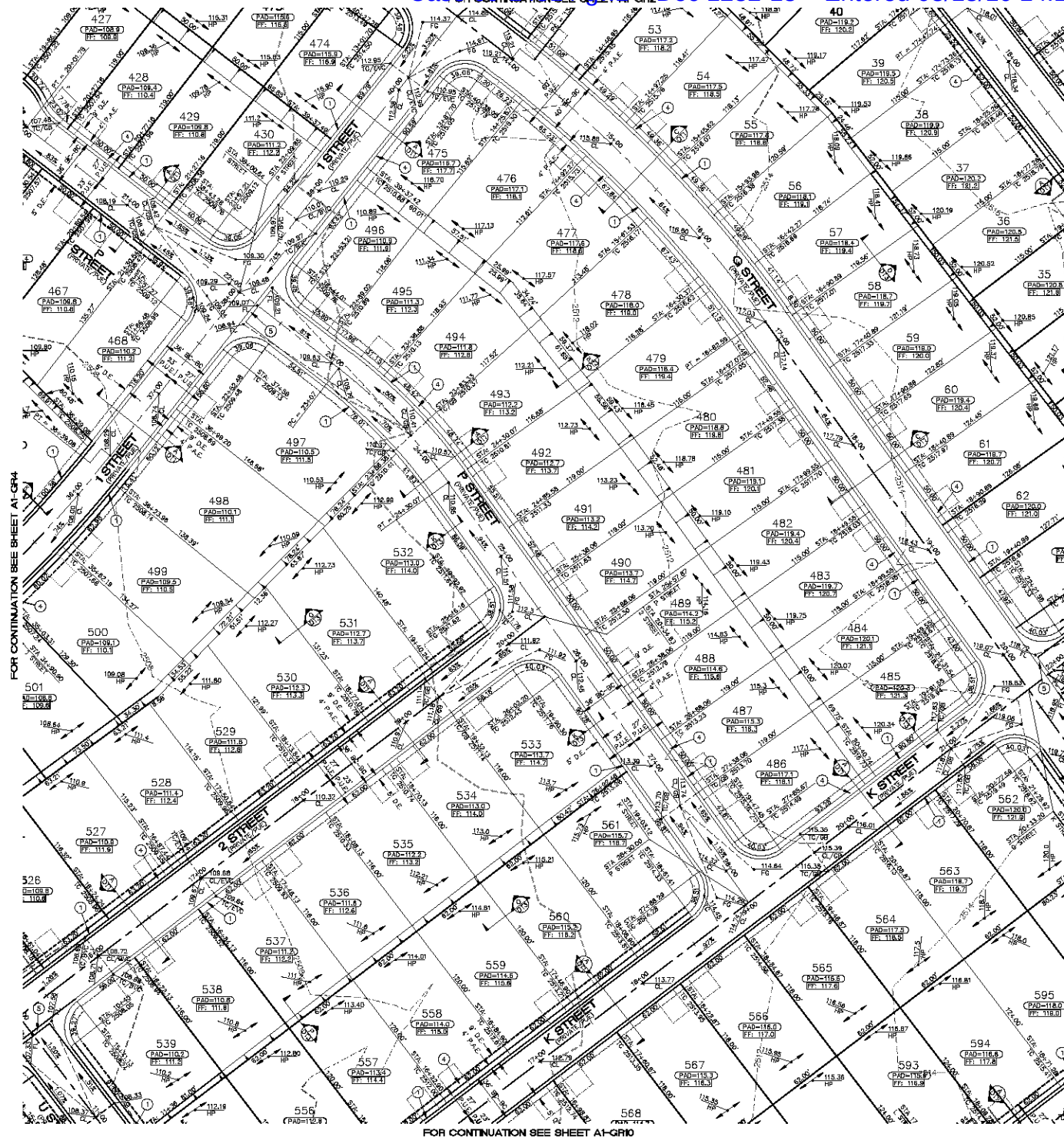
DATE	10-18-05
CHECKED BY	SH/DB
SCALE (H) 1" = 40'	
SCALE (V) 1" = 10'	
SCALE (S) 1" = 10'	
SCALE (T) 1" = 10'	
SCALE (U) 1" = 10'	
SCALE (V) 1" = 10'	
SCALE (W) 1" = 10'	
SCALE (X) 1" = 10'	
SCALE (Y) 1" = 10'	
SCALE (Z) 1" = 10'	

SCALE (H) 1" = 40'
SCALE (V) 1" = 10'
SCALE (S) 1" = 10'
SCALE (T) 1" = 10'
SCALE (U) 1" = 10'
SCALE (V) 1" = 10'
SCALE (W) 1" = 10'
SCALE (X) 1" = 10'
SCALE (Y) 1" = 10'
SCALE (Z) 1" = 10'

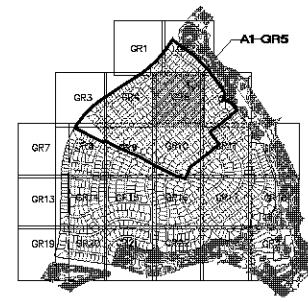
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PHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
AREA 1
GRADING PLAN 4
MOHAVE COUNTY
ARIZONA

SHEET
A1-QR4
12 OF 94 SHEETS
SCI PROJECT#
18419



GRAPHIC SCALE
1 inch = 40 ft



KEYMAP
N.T.S.

CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET 014
- 24" VERTICAL CURB AND GUTTER PER M.G. STD. DETAIL NO. 250 (TYPE A) (SEE DETAIL SHEET 014)
- 8" CURB TRANSITION PER DETAIL ON SHEET 013
- CONCRETE SIDEWALK PER M.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET 014)
- VALLEY GUTTER PER M.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET 014)
- DROP CURB PER DETAIL ON SHEET 013
- SIDEWALK SCUPPER PER M.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET 013)
- 24" RIBBON CURB PER M.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET 014)
- TYPE A SINGLE CURB PER M.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BASIS OF BEARINGS

NORTH 007°30' EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 03, TOWNSHIP 20 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZCS-83), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATION OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 34" = LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'51.57340"W (NAD '83) HEIGHT 2562.463811M (NAVD'88)
STONE 1/4 COR 3/2 = LATITUDE 35°09'55.63380"N, LONGITUDE 114°10'30.72281"W (NAD '83) HEIGHT 2498.20450M (NAVD'88)

BENCH-MARK

BENCHMARK # "SD 34" M.C.S.D. ELEVATION: 2562.463811 FT (NAVD '88)
DESCRIPTION: ALLUM CAP 2" DIA. SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHIMARUP DR. AND HOPE RD., STAMPED "SD 34 1988 RLS 10343"

GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC
DATE: 12 SEPTEMBER 05
PROJECT NO.: 1000-020

FEMA FLOOD ZONE

FEMA MAP: PANEL NO. 040504 0325C
MAP UPDATE: OCT 26, 2003
A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:

ADD 5400 TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- DISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 5 FT TRANSITION ("C" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

DISCLAIMER NOTE

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PRELIMINARY ISSUE FOR REVIEW
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Stanley Consultants Inc.

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Tel: (702) 465-9793
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PHODES HONES ARIZONA, LLC
GOLDEN VALLEY RANCH
AREA 1
GRADING PLAN 5

MOHAVE COUNTY
ARIZONA

SHEET
A1-GR5
13 OF 94 SHEETS
SCI PROJECT#
18419

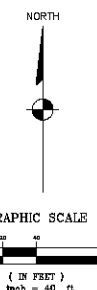
SCALE (H) 1" = 40'

SCALE (V) 1" = 10'


































DRAWN BY: CA/TM

CHECKED BY: SH/DB

DATE: 10-18-05



LEGEND

-  = DRIVEWAY
-  = HIGH POINT SWALE DIRECTION
-  = EXISTING GRADE
-  = FUTURE GRADE
-  = TOP OF RET. WALL/TOP OF FOOTING
-  = PAD HIGH POINT ELEVATION
-  = FLOWLINE ELEVATION
-  = CENTERLINE FINISHED GRADE ELEVATION
-  = TOP OF CURB ELEVATION
-  = FINISHED GRADE ELEVATION
-  = RATE & DIRECTION OF SLOPE
-  = TOP OF CURB STRIKING
-  = RETAINING WALL
-  = PERIMETER BLOCK WALL
-  = PROPERTY LINE
-  = GRADE BREAK
-  = EASEMENT LINE
-  = CENTER LINE
-  = EXISTING LINE
-  = FUTURE LINE
-  = SCARP
-  = FINISHED FLOOR ELEVATION
-  = PAD ELEVATION
-  = EXISTING CONTOUR
-  = LOT NUMBER
-  = SWALE
-  = SUBDIVISION/UNIT BOUNDARY
-  = 5 FT TRANSITION ('L' CURB TO 'ROLL' CURB)
-  = CURB, GUTTER, AND SIDEWALK
-  = 5/8 RAMP
-  = DRIVEWAY EASEMENT
-  = PUBLIC ADDRESS EASEMENT
-  = PRIVATE UTILITY EASEMENT

BASIS OF BEARINGS

M.C.S.D. "SD 32" =

BENCHMARK

GEOTECHNICAL NOTE:

FEMA FLOOD ZONE

NOTE:
ADD 2400' TO ALL ELEVATIONS LESS THAN 500'
ON AREA 1 GRADING PLANS TO GET ACTUAL
ELEVATION.

DISCLAIMER NOTE

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1-800-787-5348
(1-800-STING-11)

HEAD UTILITIES PRIOR TO
COMMENCING CONSTRUCTION.

NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.



SCALE (H) 1" = 40'					
SCALE (V) NONE					
DRAWN BY GA/RM					
CHECKED BY SH/DH					
DATE 10-18-05					
BY	DATE	BY	DATE	BY	DATE

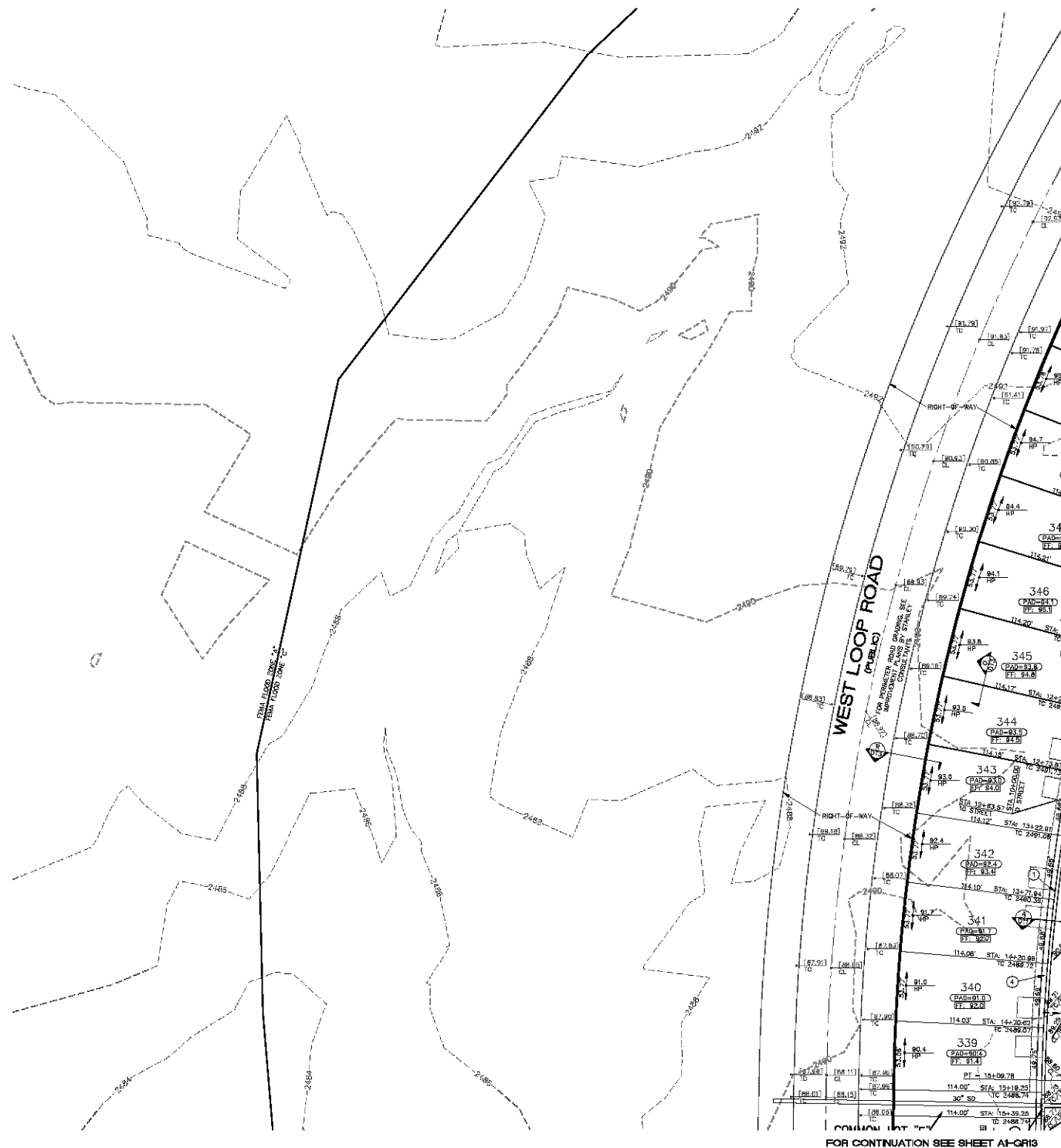


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 (702) 369-9399 Fax: (702) 369-9793
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AREA 1
GRADING PLAN 8

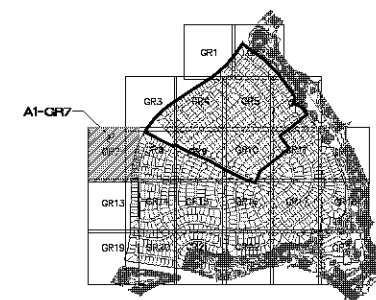
MOHAVE COUNTY

SHEET
A1-GR6
14 OF 94 SHEETS
SCI PROJECT#
18449



NORTH

GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.KEYMAP
N.T.S.

CONSTRUCTION NOTES

- ① 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- ② 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 250 (TYPE A) (SEE DETAIL SHEET DT4)
- ③ 5' CURB TRANSITION PER DETAIL ON SHEET DT3
- ④ CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- ⑤ VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- ⑥ DROP CURB PER DETAIL ON SHEET DT5
- ⑦ SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT5)
- ⑧ 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET DT4)
- ⑨ TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BASIS OF BEARINGS

NORTH 00°13'30" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (NAD83-N), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY HGS-OPUS

M.C.S.D. "50 33" = LATITUDE 35°08'22.7003474"
LONGITUDE 114°09'21.5724074" W (NAD 83)
HEIGHT 2583.4639111' (NAVD83)

STONE 1/4 COR 3/2 = LATITUDE 35°08'55.5338574"
LONGITUDE 114°03'30.722814" W (NAD 83)
HEIGHT 2486.5544811' (NAVD83)

BENCHMARK

BENCHMARK # "50 24" M.C.S.D.
ELEVATION= 2580.24873 FT (NAVD 83)

DESCRIPTION: ALUM CAP 2" DIA. SET IN CONC. 86 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "50 34 1689 RLS 103437"

GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY AMERICAN SOILS ENGINEERING, L.L.C.
DATED: 12 SEPTEMBER 05
PROJECT NO. 1060-GE0

FEMA FLOOD ZONE

FEMA MAP: PANEL NO. 040508 2230C
MAP UPDATE: OCT 30, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:

ADD 2400' TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

LEGEND

- = DRIVEWAY
- = HIGH POINT SWALE DIRECTION
- = EXISTING GRADE
- = FUTURE GRADE
- = TOP OF RET. WALL/TOP OF FOOTING
- = PAD HIGH POINT ELEVATION
- = FLOWLINE ELEVATION
- = CENTERLINE FINISHED GRADE ELEVATION
- = TOP OF CURB ELEVATION
- = FINISHED GRADE ELEVATION
- = RATE & DIRECTION OF SLOPE
- = TOP OF CURB STATIONING
- = RETAINING WALL
- = PERIMETER BLOCK WALL
- = PROPERTY LINE
- = GRADE BREAK
- = EASEMENT LINE
- = CENTER LINE
- = EXISTING LINE
- = FUTURE LINE
- = SCARP
- = FINISHED FLOOR ELEVATION
- = PAD ELEVATION
- = EXISTING CONTOUR
- = LOT NUMBER
- = SWALE
- = SUBDIVISION/UNIT BOUNDARY
- = 5 FT TRANSITION (C.C. CURB TO "ROLL" CURB)
- = CURB, GUTTER, AND SIDEWALK
- = S/W RAMP
- = DRAINAGE EASEMENT
- = PUBLIC ACCESS EASEMENT
- = PRIVATE UTILITY EASEMENT

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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DATE	BY	REVISION

SCALE (H) 1" = 40'
SCALE (V) 1" = 10'
DRAWN BY: CA/RM
CHECKED BY: SH/DB
DATE: 10-18-05

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Las Vegas, Nevada 89119
Tel: (702) 446-9793
www.stanleyconsultants.com



RHODES HONES ARIZONA, LLC
GOLDEN VALLEY RANCH
AREA 1
GRADING PLAN 7
ARIZONA
MOHAVE COUNTY

SHEET
A1-QR7
15 OF 94 SHEETS
SCI PROJECT#
184-19

FOR CONTINUATION SEE SHEET A1-QR8

FOR CONTINUATION SEE SHEET A1-QR7

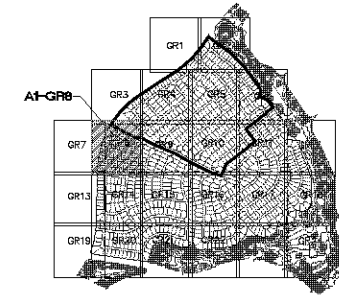


FOR CONTINUATION SEE SHEET A1-QR4

NORTH

GRAPHIC SCALE

1 inch = 40 ft
 (1 IN FEET)

KEYMAP
N.T.S.

CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D74
- 24" VERTICAL CURB AND RUTTER PER M.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET D74)
- 5" CURB TRANSITION PER DETAIL ON SHEET D73
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D74)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D74)
- DROP CURB PER DETAIL ON SHEET D75
- SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D74)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D74)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

LEGEND

- = DRIVEWAY
- = HIGH POINT SWALE DIRECTION
- = EXISTING GRADE
- = FUTURE GRADE
- = TOP OF RET. WALL/TOP OF FOOTING
- = PAD HIGH POINT ELEVATION
- = FLOWLINE ELEVATION
- = CENTERLINE FINISHED GRADE ELEVATION
- = FINISHED GRADE ELEVATION
- = RATE & DIRECTION OF SLOPE
- = TOP OF CURB STATIONING
- = RETAINING WALL
- = PERIMETER BLOCK WALL
- = PROPERTY LINE
- = GRADE BREAK
- = EASEMENT LINE
- = CENTER LINE
- = EXISTING LINE
- = FUTURE LINE
- = SCARP
- = FINISHED FLOOR ELEVATION
- = PAD ELEVATION
- = EXISTING CONTOUR
- = LOT NUMBER
- = SWALE
- = SUBDIVISION/UNIT BOUNDARY
- = 5 FT TRANSITION (1/4 CURB TO 3/4 CURB)
- = CURB, GUTTER, AND SIDEWALK
- = S/W RAMP
- = DRAINAGE EASEMENT
- = PUBLIC ACCESS EASEMENT
- = PRIVATE UTILITY EASEMENT

BASIS OF BEARINGS

NORTH 001°33'00" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 10 NORTH, RANGE 18 WEST, CL & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (ACRS-83), WEST ZONE, INTERNATIONAL FOOT (G.T.) UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 35" = LATITUDE 35°08'22.7003"N, LONGITUDE 114°09'51.8724"W (NAD '83) HEIGHT 2050.483011' (NAVD'83)

STONE 1/4 COR 3/2 - LATITUDE 39°08'55.5338"N, LONGITUDE 114°03'35.7226"W (NAD '83) HEIGHT 2496.204581' (NAVD'83)

BENCHMARK

BENCHMARK # "SD 34" M.C.S.D. ELEVATION= 2590.24273 FT (NAVD '83)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHANAMPOO DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343"

GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, L.L.C. DATED: 12 SEPTEMBER 09 PROJECT NO.: 1000-020

FEMA FLOOD ZONE

FEMA MAP: PANEL NO. 040058 2392C MAP UPDATE: OCT. 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "AA" THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM, SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:

ADD 2400' TO ALL ELEVATIONS LESS THAN 800' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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SCALE (H) 1" = 40'
 SCALE (V) 1" = 10'
 DRAWN BY: CA/TM
 CHECKED BY: SH/DB
 DATE: 10-18-05

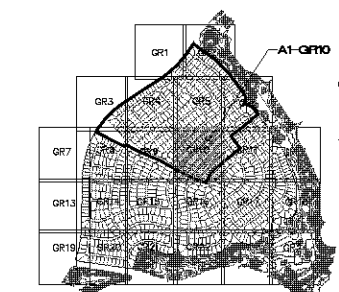
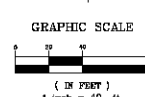
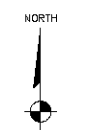
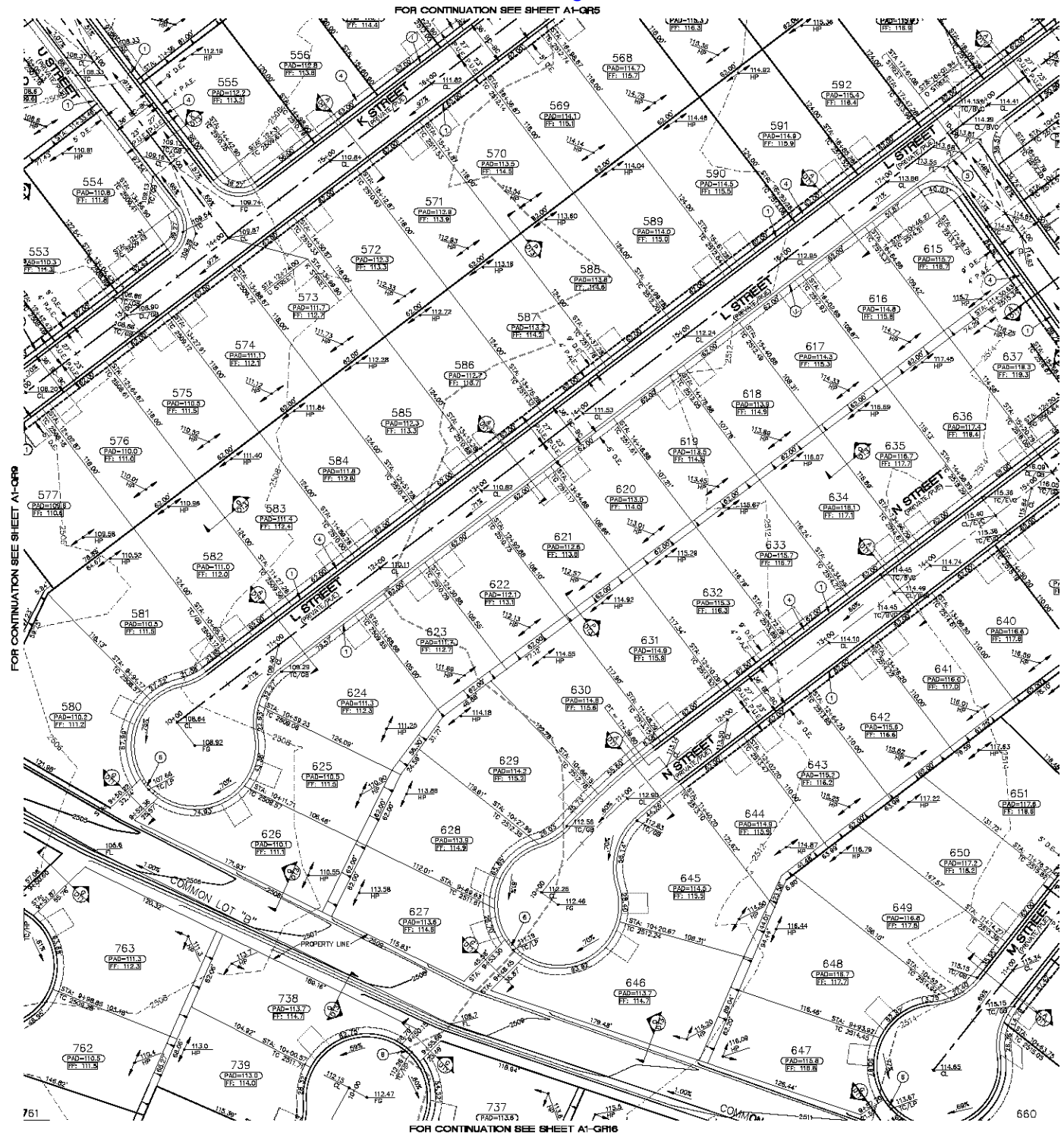
3500 S. Eastern Avenue, Suite 300
 Las Vegas, Nevada 89119
 Stanley Consultants Inc.
 www.stanleyconsultants.com



ARIZONA

RHODES HOMES ARIZONA, LLC
 GOLDEN VALLEY HATCH
 AREA 1
 GRADING PLAN B

SHEET
 A1-QR8
 16 OF 94 SHEETS
 SCI PROJECT#
 18419



KEYMAP
N.T.S.

CONSTRUCTION NOTES

- 1 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
- 2 24" VERTICAL CURB AND GUTTER PER M.G. STD. DETAIL NO. 230 (TYPE A) (SEE DETAIL SHEET D14)
- 3 5" CURB TRANSITION PER DETAIL ON SHEET D13
- 4 CONCRETE SIDEWALK PER M.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D14)
- 5 VALLEY GUTTER PER M.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D14)
- 6 DROP CURB PER DETAIL ON SHEET D13
- 7 SIDEWALK SCUPPER PER M.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D14)
- 8 24" RIBBON CURB PER M.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D14)
- 9 TYPE A SINGLE CURB PER M.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BASIS OF BEARINGS

NORTH 001°30' EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 20, TOWNSHIP 30 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WP), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS

M.G.S.D. "SD 32" - LATITUDE 35°08'22.700347N, LONGITUDE 114°09'21.57246"W (NAD '83) HEIGHT 2092.459911M (NAVD'83)
STONE 1/4 COR 3/2 - LATITUDE 35°08'55.533857N, LONGITUDE 114°12'30.22281"W (NAD '83) HEIGHT 2488.204801M (NAVD'83)

BENCHMARK

BENCHMARK # "SD 34" M.G.S.D. ELEVATION = 2880.24273 FT (NAVD '83)
DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHIMMURUP DR. AND HOPE DR., STAMPED "SD 34 1989 RLS 10343"

GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, L.L.C. DATED: 12 SEPTEMBER 05 PROJECT No.: 1080-GE0

FEMA FLOOD ZONE

FEMA MAP, PANEL NO. 040509 2202C MAP UPDATED OCT 20, 2000
A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A1". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C2", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:

ADD 2400' TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 5 FT. TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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PRELIMINARY ISSUE FOR REVIEW
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Stanley Consultants Inc.

PHOENIX ARIZONA, LLC
GOLDEN VALLEY BRANCH
AREA 1
GRADING PLAN 10

MOHAVE COUNTY

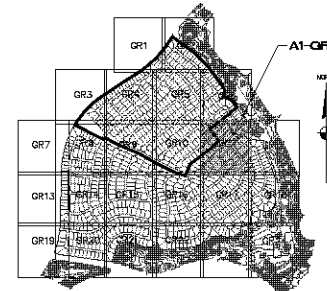
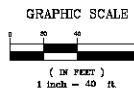
SHEET
A1-GR10
18 OF 94 SHEETS
SCI PROJECT#
184-19

SCALE (H) 1" = 40'
SCALE (V) 1" = 10'
DRAWN BY CA/TM
CHECKED BY SH/DH
DATE 10-18-05

FOR CONTINUATION SEE SHEET A1-QR8



FOR CONTINUATION SEE SHEET A1-QR17



KEYMAP
N.T.S.

CONSTRUCTION NOTES

- 1 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
- 2 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET D14)
- 3 5" CURB TRANSITION PER DETAIL ON SHEET D13
- 4 CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D14)
- 5 VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D14)
- 6 DROP CURB PER DETAIL ON SHEET D15
- 7 SIDEWALK SLOPE PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D15)
- 8 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D14)
- 9 TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BASIS OF BEARINGS

NORTH 0°15'30" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 20, TOWNSHIP 30 NORTH, RANGE 18 WEST, G1A & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT DATA UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

N.C.S.D. "30 33" = LATITUDE 33°02'22.700347", LONGITUDE 114°09'21.572407" W (NAD '83) HEIGHT 2882.403911' (NAVD'83)

STONE 1/4 COR 3/2 = LATITUDE 33°02'58.533897", LONGITUDE 114°09'30.722817" W (NAD '83) HEIGHT 2888.204681' (NAVD'83)

BENCHMARK

BENCHMARK # "30 34" N.C.S.D. ELEVATION = 2580.24273 FT (NAVD '83)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. BS FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHAWLUP DR. AND HOPE RD., STAMPED "30 34 1989 RLS 10343"

GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC DATED: 12 SEPTEMBER 09 PROJECT NO.: 1060-G0

FEMA FLOOD ZONE

FEMA MAP: PANEL NO. 40408S 2235C MAP UPDATED: OCT 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A1". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C2", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:

ADD 2400' TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 2 FT TRANSITION (1" CURB TO "TOLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- 3/4" RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

Stanley Consultants Inc.

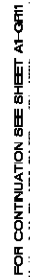
3500 S. Eastern Avenue, Suite 300
Las Vegas, Nevada 89119
Tel: (702) 446-9793
www.stanleyconsultants.com

PHOENIX ARIZONA, LLC
GOLDEN VALLEY RANCH
AREA 1
GRADING PLAN 11

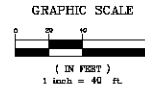
ARIZONA
MOHAVE COUNTY

SHEET
A1-QR11
19 OF 94 SHEETS
SCI PROJECT#
184-19

SCALE (H) 1" = 40'
SCALE (V) 1" = 10'
DRAWN BY: CA/TM
CHECKED BY: SH/DB
DATE: 10-18-05



FOR CONTINUATION SEE SHEET A1-GR18



- 1 30" RFL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET 074
- 2 24" VERTICAL CURB AND GUTTER PER M.A.S. STD. DETAIL NO. 230 (TYPE A)
(SEE DETAIL SHEET 074)
- 3 5' CURB TRANSITION PER DETAIL ON SHEET 073
- 4 CONCRETE SIDEWALK PER M.A.S. STANDARD DETAIL NO. 230
(SEE DETAIL SHEET 074)
- 5 VALLEY GUTTER PER M.A.S. STANDARD DETAIL NO. 240
(SEE DETAIL SHEET 074)
- 6 DROP CURB PER DETAIL ON SHEET 075
- 7 SIDEWALK SLOPPER PER M.A.S. STANDARD DETAIL NO. 203
(SEE DETAIL SHEET 075)
- 8 24" RIBBED CURB PER M.A.S. STD. DETAIL NO. 230 (TYPE B)
(SEE DETAIL SHEET 074)
- 9 TYPE A SINGLE CURB PER M.A.S. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

NORTH 00°13'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (IFT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. *S0 32" =	LATITUDE 35°08'22.70034"N LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2582.483011ft (NAD'08)
STONE 1/4 COR 3/2 -	LATITUDE 35°08'55.53385"N LONGITUDE 114°0'30.72281"W (NAD '83) HEIGHT 2498.20458ft (NAD'08)

BENCHMARK # "SD 34" W.C.S.D.
ELEVATION= 2590.24273 IF1 (NAVD 88)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF
THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE
INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 1989
RLS 10343."

ALL CONSTRUCTION SHALL CONFORM WITH THE
SOILS REPORT PREPARED BY: AMERICAN SOILS
ENGINEERING, LLC.
DATED: 12 SEPTEMBER 05
PROJECT No.: 1060-GEO

FEMA MAP: PANEL NO. 040058 2325C
MAP UPDATE: OCT 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

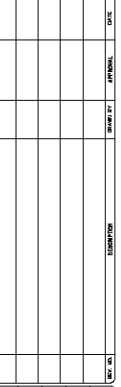
NOTE:
ADD 2400' TO ALL ELEVATIONS LESS THAN 500'
ON AREA 1 GRADING PLANS TO GET ACTUAL
ELEVATION.

= DRIVEWAY
 = HIGH POINT SWALE DIRECTION
 = EXISTING GRADE
 = FUTURE GRADE
 = PAD OF RET. WALL/TOP OF FOOTING
 = TOP HIGH POINT ELEVATION
 = FLOWLINE ELEVATION
 = CENTERLINE FINISHED GRADE ELEVATION
 = TOP OF CURB ELEVATION
 = FINISHED GRADE ELEVATION
 = RATE & DIRECTION OF SLOPE
 = TOP OF CURB STATIONING
 = RETAINING WALL
 = PERIMETER BLOCK WALL
 = PROPERTY LINE
 = GRADE BREAK
 = EASEMENT LINE
 = CENTER LINE
 = EXISTING LINE
 = FUTURE LINE
 = SCARP
 = FINISHED FLOOR ELEVATION
 = PAD ELEVATION
 = EXISTING CONTOUR
 = LOT NUMBER
 = SWALE
 = SUBDIVISION/UNIT BOUNDARY
 = 5% TRANSITION ("L" CURB TO "ROLL" CURB)
 = CURB, GUTTER, AND SIDEWALK
 = S/W RAMP
 = DRAINAGE EASEMENT
 = PUBLIC ACCESS EASEMENT
 = PRIVATE UTILITY EASEMENT

UTILITY LOCATIONS SHOWN
HEREON ARE APPROXIMATE
ONLY. IT SHALL BE THE
CONTRACTOR'S RESPONSIBILITY
TO DETERMINE THE EXACT
HORIZONTAL AND VERTICAL
LOCATION OF ALL EXISTING

UNDERGROUND OR OVER-
HEAD UTILITIES PRIOR TO
COMMENCING CONSTRUCTION.
NO REPRESENTATION IS MADE
THAT ALL EXISTING UTILITIES
ARE SHOWN HEREON. THE
ENGINEER ASSUMES NO
RESPONSIBILITY FOR UTILITIES
NOT SHOWN OR UTILITIES
NOT SHOWN IN THEIR PROPER
LOCATION.

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 10-18-05



SCALE (H) 1" = 40'
SCALE (V) NONE
DRAWN BY GA/RM
CHECKED BY SH/DB
DATE 10-18-05

5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 360-9396 Fax (702) 369-9793
www.stanleysoup.com



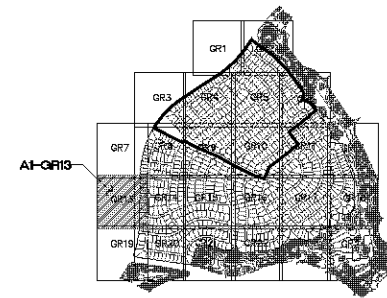
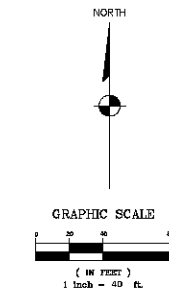
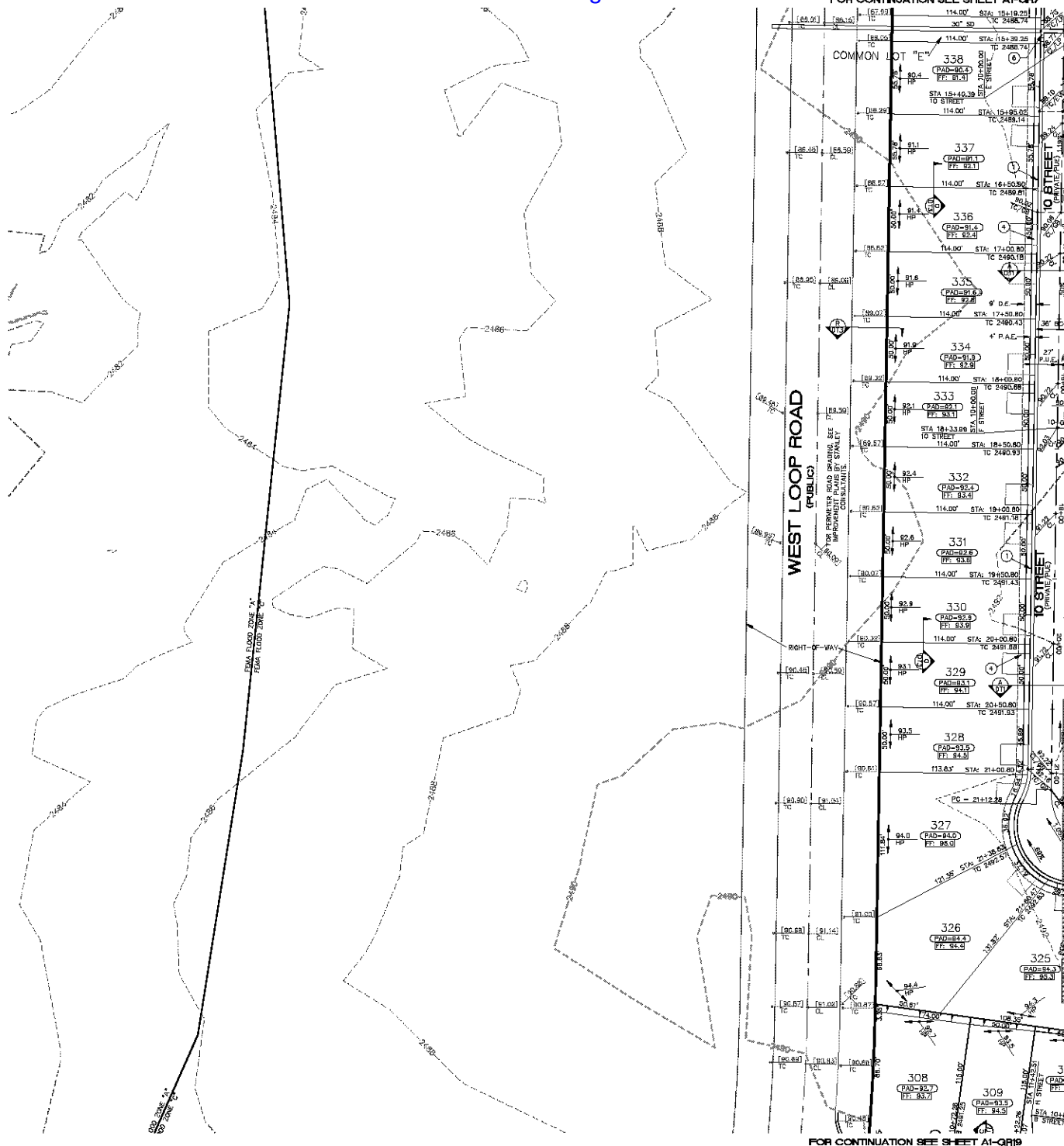
\$

PHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

MOHAVE COUNTY

SHEET
A1-GR12
20 OF 94 SHEETS

SCI PROJECT#
18449



CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 230 (TYPE A) (SEE DETAIL SHEET DT4)
- 5' CURB TRANSITION PER DETAIL ON SHEET DT3
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- DROP CURB PER DETAIL ON SHEET DT5
- SIDEWALK SCUMPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT5)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET DT5)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BASIS OF BEARINGS

NORTH 00°13'00" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, CL & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (ACCS-83), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "30 32" = LATITUDE 39°09'22.700347"N, LONGITUDE 114°09'21.572424"W (NAD '83), HEIGHT 2885.453917' (NAVD'83)
 STONE 1/4 COR 3/2 = LATITUDE 39°09'58.533897"N, LONGITUDE 114°10'20.722811"W (NAD '83), HEIGHT 2486.254681' (NAVD'83)

BENCHMARK

BENCHMARK: # "30 34" M.C.S.D. ELEVATION= 2880.34573 FT (NAVD '83)
 DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "30 34 1989 RLS 10343"

GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC
 DATED: 12 SEPTEMBER 05
 PROJECT NO.: 1265-G10

FEMA FLOOD ZONE

FROM MAP: PANEL NO. 04000B 2350C
 MAP UPDATE: OCT 20, 2000
 A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100-YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:

ADD 2400' TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/LAND BOUNDARY
- 5 FT TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

DISCLAIMER NOTE

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Call before you dig
 1-800-787-5348
 1-800-787-5348
 Call before you dig
 1-800-787-5348

PRELIMINARY ISSUE FOR REVIEW
 NOT FOR CONSTRUCTION 10-18-05



DATE	BY	REVISION

SCALE (H) 1" = 40'
 SCALE (V) 1" = 10'
 DRAWN BY: CA/TM
 CHECKED BY: SH/DB
 DATE: 10-18-05

Stanley Consultants Inc.
 550 S. Eastern Avenue, Suite 200
 Las Vegas, Nevada 89101
 (702) 446-9793
 www.stanleyconsultants.com

RHODES HONES ARIZONA, LLC
 GOLDEN VALLEY BRANCH
 AREA 1
 GRADING PLAN 13
 ARIZONA
 MOHAVE COUNTY

SHEET
 A1-QR13
 21 OF 94 SHEETS
 SCI PROJECT#
 184-19



LEGEND

-
- DRIVEWAY
 = HIGH POINT SWALE DIRECTION
 - EXISTING GRADE
 = FUTURE GRADE
 = TOP OF RET. WALL/TOP OF FOOTING
 = PAD HIGH POINT ELEVATION
 = FLOWLINE ELEVATION
 = CENTERLINE FINISHED GRADE ELEVATION
 = TOP OF CURB ELEVATION
 = FINISHED GRADE ELEVATION
 = RATE & DIRECTION OF SLOPE
 = PAD & CURB STATIONING
 = RETAINING WALL
 = PERMETER BLOCK WALL
 = PROPERTY LINE
 = GRADE BREAK
 = EASEMENT LINE
 = CENTER LINE
 = EXISTING LINE
 = FUTURE LINE
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 = FINISHED FLOOR ELEVATION
 = PAD ELEVATION
 = EXISTING CONTOUR
 = LOT NUMBER
 = SWALE
 = SUBDIVISION/UNIT BOUNDARY
 = 5 FT TRANSITION
 ("L" CURB TO "ROLL" CURB)
 = CURBS, GUTTER, AND SIDEWALK
 = S/W RAMP
 = DRAINAGE EASEMENT
 = PUBLIC ACCESS EASEMENT
 = PRIVATE UTILITY EASEMENT

NORTH 00°13'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (IFT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

BENCHMARK
BENCHMARK # "SD 34" N.C.S.D.
ELEVATION= 2590.24273 IFT (NAVD '88)

DESCRIPTION: ALUM CAP 2" DIA. SET IN CONC. 65 FT. NORTHEAST OF
THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE
INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 1989
RLS 10343."

ALL CONSTRUCTION SHALL CONFORM WITH THE
SOILS REPORT PREPARED BY: AMERICAN SOILS
ENGINEERING, LLC.
DATED: 12 SEPTEMBER 05
PROJECT No.: 1080-GE0

FEMA MAP: PANEL NO. 040058 2325C
MAP UPDATE: OCT 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:
ADD 2400' TO ALL ELEVATIONS LESS THAN 500'
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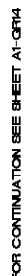
PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 10-18-05

 13300 S. Eastern Avenue, Suite 200
Scottsdale, Arizona 85260
(702) 360-0286 Fax (702) 369-4783
www.stanley.com

Stanley Consultants INC.


































AREA 1
GRADING PLAN 14

SHEET
A1-GR14
22 OF 94 SHEETS
SCI PROJECT#
18449



KEYMAP
NTS

LEGEND

-  - DRIVEWAY
-  = HIGH POINT SWALE DIRECTION
-  - EXISTING GRADE
-  = FUTURE GRADE
-  = TOP OF RET. WALL/TOP OF FOOTING
-  - PAD HIGH POINT ELEVATION
-  = FLOWLINE ELEVATION
-  = CENTERLINE FINISHED GRADE ELEVATION
-  = TOP OF CURB ELEVATION
-  = FINISHED GRADE ELEVATION
-  = RATE & DIRECTION OF SLOPE
-  - TOP OF CURB STATIONING
-  - RETAINING WALL
-  - PERIMETER BLOCK WALL
-  - PROPERTY LINE
-  - GRADE BREAK
-  - EASEMENT LINE
-  = CENTER LINE
-  - EXISTING LINE
-  = FUTURE LINE
-  - SCARP
-  = FINISHED FLOOR ELEVATION
-  = PAD ELEVATION
-  - EXISTING CONTOUR
-  = LOT NUMBER
-  - SWALE
-  - SUBDIVISION/UNIT BOUNDARY
-  - 9' FT TRANSITION
(L to curb to "roll" curb)
-  = CURB, GUTTER, AND SIDEWALK
-  = 5/8 RAMP
-  - DRAINAGE EASEMENT
-  = PUBLIC ACCESS EASEMENT
-  - PRIVATE UTILITY EASEMENT

NORTH 00°13'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (IFT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

BENCHMARK
BENCHMARK # "S0 34" M.C.S.D.
ELEVATION- 2580.24273 IFT (NAVD "80)
DESCRIPTION: ALUM CAP 2" DIA. SET IN CONC. 85 FT. NORTHEAST OF
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RLS 10343."

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHIMLUMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343."

ALL CONSTRUCTION SHALL CONFORM WITH THE
SOILS REPORT PREPARED BY: AMERICAN SOILS
ENGINEERING, LLC.
DATED: 12 SEPTEMBER 05
PROJECT No.: 1060-GEO

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

DISCLAIMER NOTE

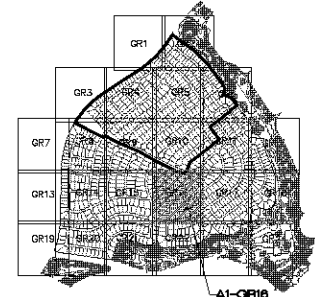
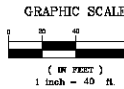
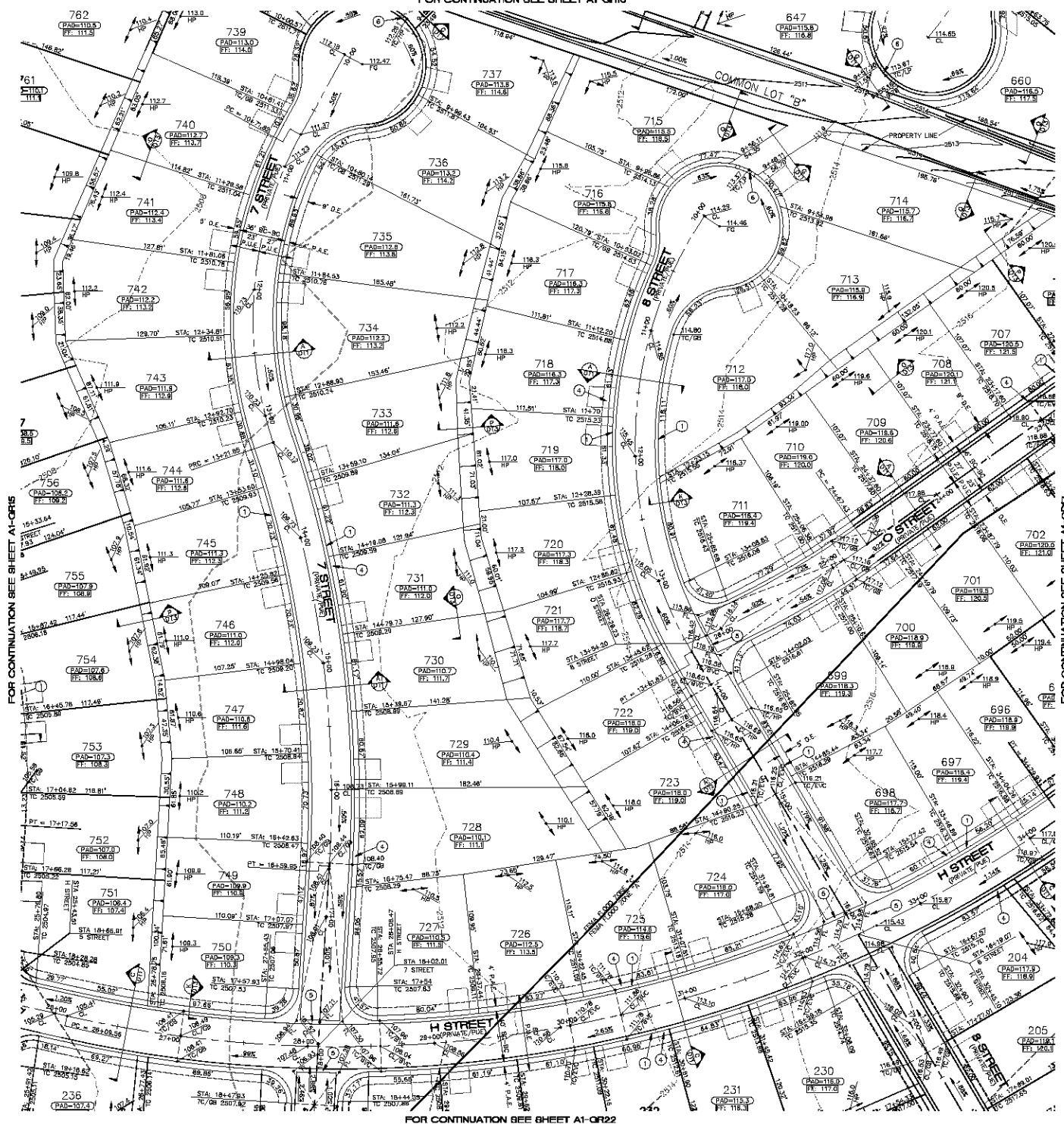
UTILITY LOCATIONS SHOWN
HEREON ARE APPROXIMATE
ONLY. IT SHALL BE THE
CONTRACTOR'S RESPONSIBILITY
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UNDERGROUND OR OVER-

HEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 10-18-05

 Stanley Consultants Inc.		1820 S. Encanto Avenue, Suite 200 Las Vegas, Nevada 89118 Tel: (702) 366-4933 Fax: (702) 366-4938 www.stanleyinc.com																			
RHODES HOMES ARIZONA, LLC GOLDEN VALLEY RANCH AREA 1 GRADING PLAN 15 MCNAME COUNTY ARIZONA		SCALE (H) 1" = 40'		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DATE</td> <td style="width: 25%;">10-18-05</td> <td style="width: 25%;">CHECKED BY</td> <td style="width: 25%;">SH/D8</td> </tr> <tr> <td>SCALE (V)</td> <td>NONE</td> <td>DESIGNED BY</td> <td>CA/TM</td> </tr> <tr> <td colspan="4" style="text-align: center;"> DRAWN BY CA/TM </td> </tr> <tr> <td colspan="4" style="text-align: center;"> SCALE (H) 1" = 40' </td> </tr> </table>		DATE	10-18-05	CHECKED BY	SH/D8	SCALE (V)	NONE	DESIGNED BY	CA/TM	DRAWN BY CA/TM				SCALE (H) 1" = 40'			
		DATE	10-18-05			CHECKED BY	SH/D8														
		SCALE (V)	NONE			DESIGNED BY	CA/TM														
		DRAWN BY CA/TM																			
		SCALE (H) 1" = 40'																			
23 OF 94 SHEETS SCI PROJECT# 18449																					

FOR CONTINUATION SEE SHEET A1-QR10

KEYMAP
N.T.S.

CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
- 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET D14)
- 5" CURB TRANSITION PER DETAIL ON SHEET D13
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D14)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D14)
- DROP CURB PER DETAIL ON SHEET D15
- SIDEWALK SCULPTURE PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D15)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D14)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BASIS OF BEARINGS

NORTH 001°38' EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 30, TOWNSHIP 30 NORTH, RANGE 18 WEST, CL & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (ACRS-83) WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 38" - LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.97240"W (NAD '83) HEIGHT 2585.483011M (NAVD'83)

STONE 1/4 COR 3/2 - LATITUDE 35°09'25.53389"N, LONGITUDE 114°09'20.72281"W (NAD '83) HEIGHT 2498.204048M (NAVD'83)

BENCHMARK

BENCHMARK # "SD 34" M.C.S.D. ELEVATION= 2590.34273 FT (NAVD '83)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. BS PT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 31 N., R. 18 W. AND THE INTERSECTION OF SHIMMAMP DR. AND HOPE RD., STAMPED "SD 34 1989 RLS 10343"

GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, L.L.C. DATED: 12 SEPTEMBER 05 PROJECT NO.: 1080-600

FEMA FLOOD ZONE

FEMA MAP: PANEL NO. 040008 2300C

MAP UPDATE: OCT. 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:

ADD 2500' TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

LEGEND

- DRIVEWAY
- HIGH POINT SLOPE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 5' FT TRANSITION ("L" CURB TO "R" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ADDRESS EASEMENT
- PRIVATE UTILITY EASEMENT

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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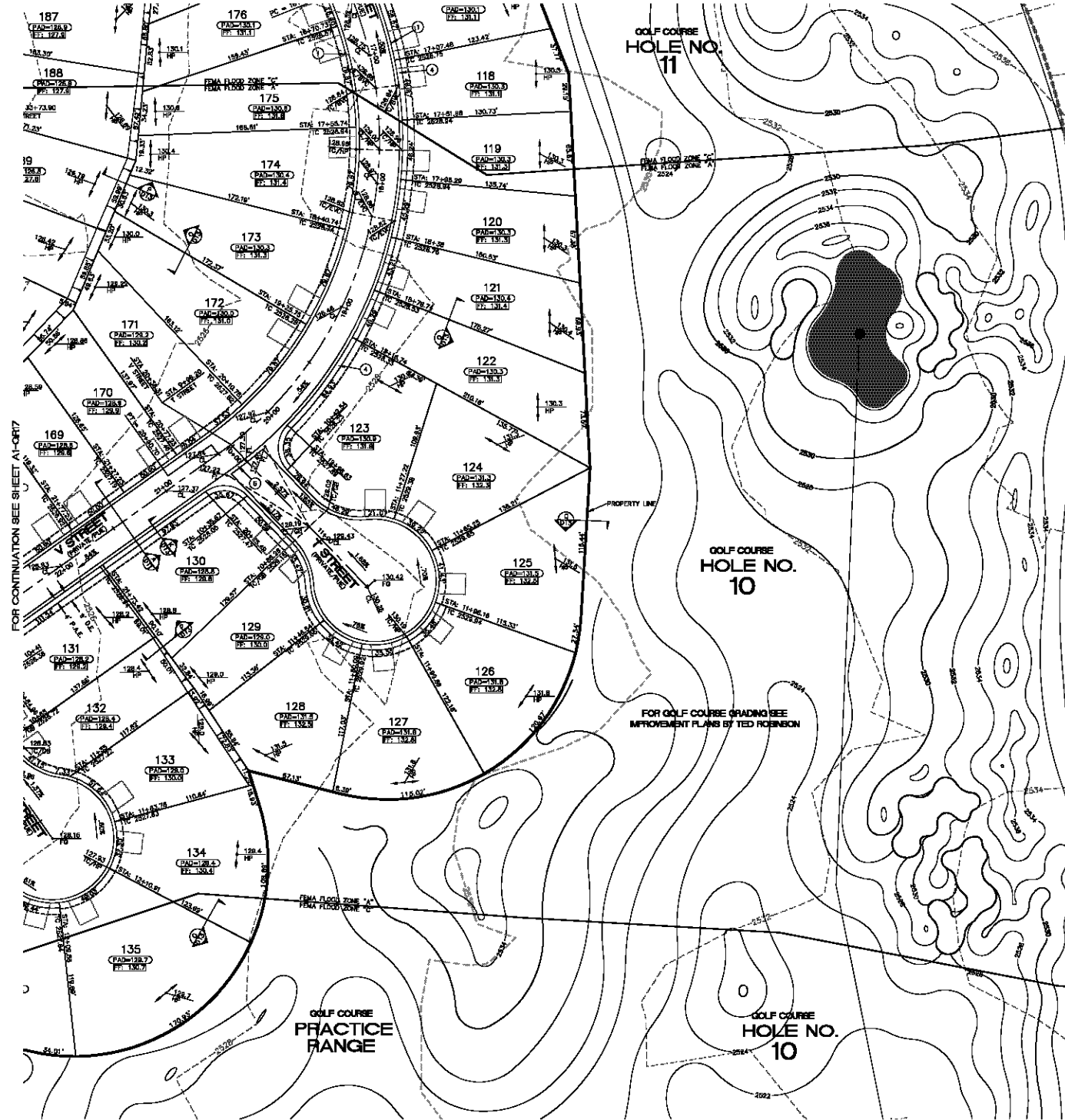


ARIZONA

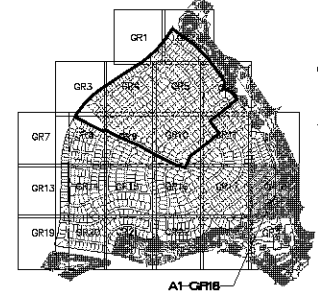
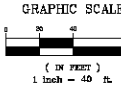
RHODES HONES ARIZONA, LLC
GOLDEN VALLEY RANCH
AREA 1
GRADING PLAN 16

SHEET
A1-QR16
24 OF 94 SHEETS
SCI PROJECT#
18419

FOR CONTINUATION SEE SHEET A1-QR12



FOR CONTINUATION SEE SHEET A1-QR24



KEYMAP
N.T.S.

CONSTRUCTION NOTES

- 1) 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
- 2) 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 230 (TYPE A) (SEE DETAIL SHEET D14)
- 3) 5" CURB TRANSITION PER DETAIL ON SHEET D13
- 4) CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D14)
- 5) VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D14)
- 6) DROP CURB PER DETAIL ON SHEET D13
- 7) SIDEWALK SCUMPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D13)
- 8) 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D14)
- 9) TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BASIS OF BEARINGS

NORTH 0°13'30" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 30 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZCS-83) WEST ZONE, INTERNATIONAL FOOT (DIT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.D.S.D. "SD 33" = LATITUDE 35°09'22.700347N, LONGITUDE 114°09'21.572447W (NAD '83) HEIGHT 2885.483811 (NAVD'83)
STONE 1/4 COR 3/2 - LATITUDE 35°09'55.533857N, LONGITUDE 114°09'30.722817W (NAD '83) HEIGHT 2498.204818 (NAVD'83)

BENCHMARK

BENCHMARK # "SD 34" M.D.S.D. ELEVATION = 2580.84273 FT (NAVD '83)
DESCRIPTION: ALUM CAP 2" DIA. SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHANAMUMP DR. AND HOPE RD., STAMPED "SD 34 1089 RLS 10243."

GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY AMERICAN SOILS ENGINEERING, LLC, DATED: 12 SEPTEMBER 05, PROJECT NO. 1080-600

FEMA FLOOD ZONE

FEMA MAP: PANEL NO. 040088 2329C
MAP UPDATE: OCT 20, 2000
A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A1". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:

ADD 2400' TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/LINE BOUNDARY
- 5 FT TRANSITION ("L" CURB TO "R" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

DISCLAIMER NOTE

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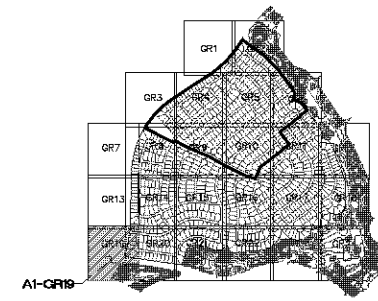
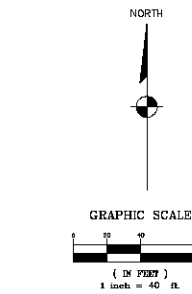
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SCALE (V) 1" = 10'
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DATE 10-18-05



ARIZONA

RHODES HONES ARIZONA, LLC
GOLDEN VALLEY RANCH
AREA 1
GRADING PLAN 18

SHEET
A1-QR18
26 OF 94 SHEETS
SCI PROJECT#
184-19



KEYMAP
N.T.S.

CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET DT4
- 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET DT4)
- 5' CURB TRANSITION PER DETAIL ON SHEET DT3
- ODORITE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET DT4)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET DT4)
- DROP CURB PER DETAIL ON SHEET DT5
- SIDEWALK SCUMPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET DT5)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET DT4)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BASIS OF BEARINGS

NORTH 00°13'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, Q1A & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WP), WEST ZONE, INTERNATIONAL FOOT (IFT) UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-0905.

M.G.S.D. "50 32" = LATITUDE 39°08'22.700347N
LONGITUDE 114°09'21.572404W (NAVD 83)
HEIGHT 2883.463911H (NAVD83)

STONE 1/4 COR 3/2 = LATITUDE 39°08'05.533857N
LONGITUDE 114°09'30.732817W (NAVD 83)
HEIGHT 2488.224681H (NAVD83)

BENCHMARK

BENCHMARK # "50 34" N.C.S.D.
ELEVATION - 2580.24273 FT (NAVD 83)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 95 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 16 W. AND THE INTERSECTION OF SHIMMURUP DR. AND HOPE RD., STAMPED "50 34 1989 RLS 10343"

GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC
DATED: 12 SEPTEMBER 00
PROJECT NO.: 1050-GE0

FEMA FLOOD ZONE

FEMA MAP: PANEL NO. 040058 2235C
MAP UPDATE: OCT 20, 2000
A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "X", WHICH IS OUTSIDE THE AREA OF THE 100-YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:
ADD 2400' TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCAMP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 5 FT TRANSITION ("L" CURB TO "ROLL" CURB)
- CURB, GUTTER, AND SIDEWALK
- 5/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

DISCLAIMER NOTE

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SCALE (V) 1" = 10'
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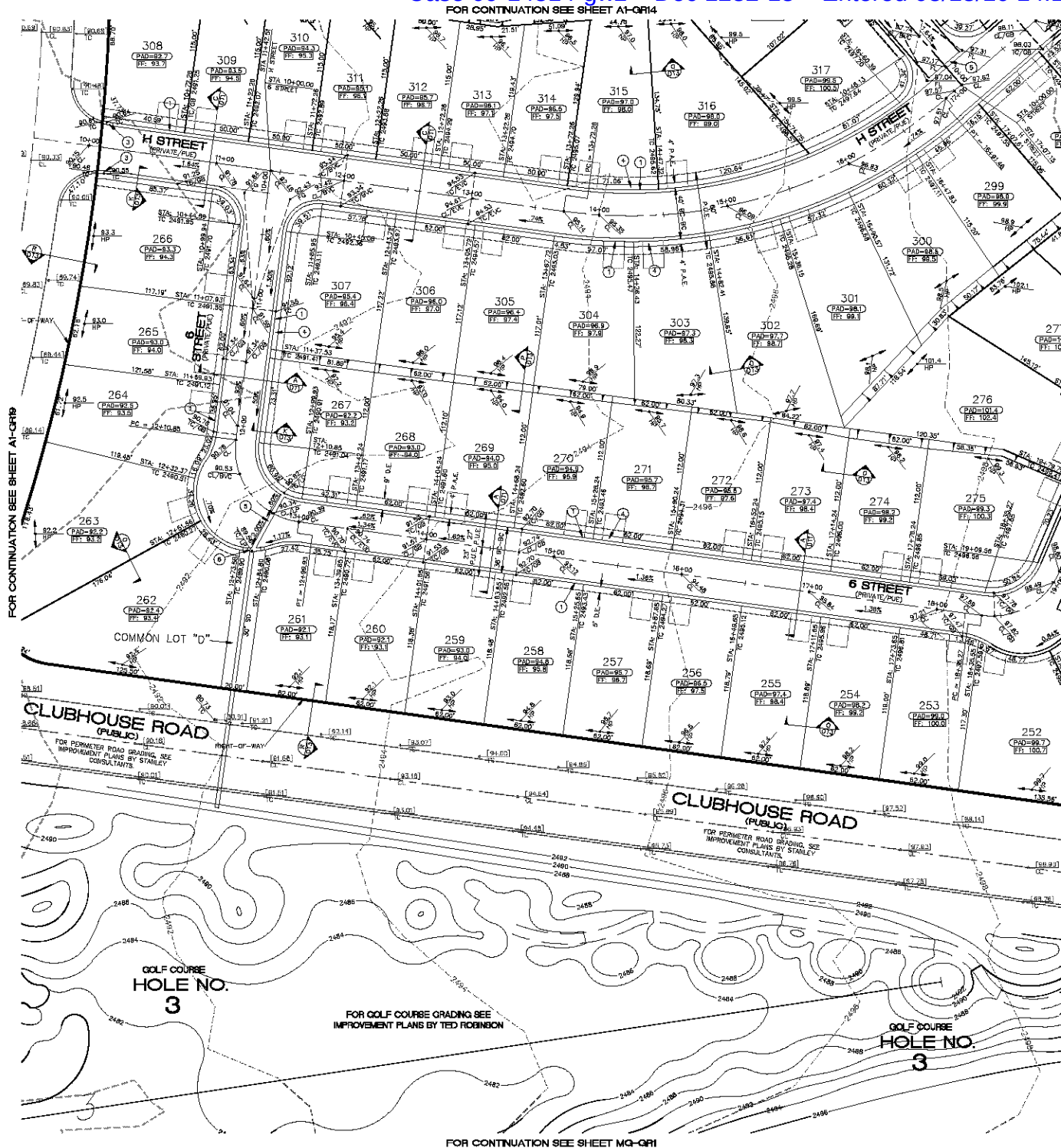
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ARIZONA

RHODES HONES ARIZONA, LLC
GOLDEN VALLEY BRANCH
AREA 1
GRADING PLAN 19

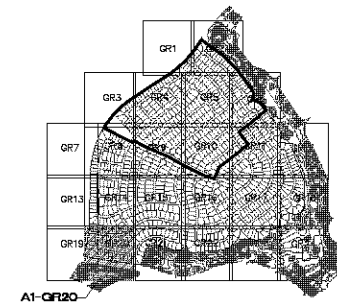
SHEET
A1-QR19
27 OF 94 SHEETS
SCI PROJECT#
184-19



NORTH

GRAPHIC SCALE

1" = 40' (1" = 40')



CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
- 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 230 (TYPE A) (SEE DETAIL SHEET D14)
- 5' CURB TRANSITION PER DETAIL ON SHEET D13
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D14)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D14)
- DROP CURB PER DETAIL ON SHEET D15
- SIDEWALK SCULPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D15)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D15)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BASIS OF BEARINGS

NORTH 0°13'38" EAST - THE WEST LINE OF THE NORTHWEST QUARTER 1/4 OF SECTION 03, TOWNSHIP 20 NORTH, RANGE 18 WEST, Q1A & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA CORPORATE AND LAND RECORDS DEPARTMENT, WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST TRACK OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "30 33" = LATITUDE 38°08'22.70034"N, LONGITUDE 114°09'21.57244"W (NAD '83) HEIGHT 2885.483917 (NAVD'83)
 STONE 1/4 COR 3/2 = LATITUDE 35°08'55.53389"N, LONGITUDE 114°10'30.72281"W (NAD '83) HEIGHT 2486.204681 (NAVD'83)

BENCHMARK

BENCHMARK # "30 34" M.C.S.D. ELEVATION= 2580.24273 FT (NAVD'83)
 DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. BS FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHAWKUMPTON DR. AND HOPE RD., STAMPED "30 34 1989 RLS 10343."

GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC, DATED: 12 SEPTEMBER 05, PROJECT No. 1080-GEO

FEMA FLOOD ZONE

FEMA MAP: PANEL NO. 04008B 2330C
 MAP UPDATE: OCT. 20, 2000
 A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X". THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100-YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:

ADD 2'00" TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

LEGEND

- = DRIVEWAY
- = HIGH POINT SWALE DIRECTION
- = EXISTING GRADE
- = FUTURE GRADE
- = TOP OF RET. WALL/TOP OF FOOTING
- = PAD HIGH POINT ELEVATION
- = FLOWLINE ELEVATION
- = CENTERLINE FINISHED GRADE ELEVATION
- = TOP OF CURB ELEVATION
- = FINISHED GRADE ELEVATION
- = RATE & DIRECTION OF SLOPE
- = STATIONING
- = RETAINING WALL
- = PERIMETER BLOCK WALL
- = PROPERTY LINE
- = GRADE BREAK
- = EASEMENT LINE
- = CENTER LINE
- = EXISTING LINE
- = FUTURE LINE
- = SCARP
- = FINISHED FLOOR ELEVATION
- = PAD ELEVATION
- = EXISTING CONTOUR
- = LOT NUMBER
- = SWALE
- = SUBDIVISION/UNIT BOUNDARY
- = 5' FT TRANSITION ("L" CURB TO "ROLL" CURB)
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CHECKED BY	SH/DB
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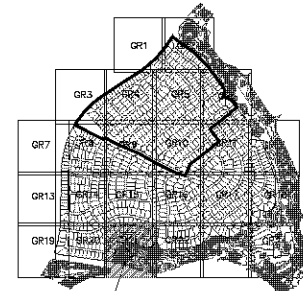
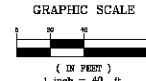
ARIZONA

RHODES HOMES ARIZONA, LLC
 GOLDEN VALLEY RANCH
 AREA 1
 GRADING PLAN 20

SHEET
 A1-QR20
 28 OF 94 SHEETS
 SCI PROJECT#
 184-19



NORTH

KEYMAP
N.T.S.

CONSTRUCTION NOTES

- 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
- 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 220 (TYPE A) (SEE DETAIL SHEET D14)
- 5" CURB TRANSITION PER DETAIL ON SHEET D13
- CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D14)
- VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D14)
- DROP CURB PER DETAIL ON SHEET D15
- SIDEWALK SLOPPER PER M.A.G. STANDARD DETAIL NO. 203 (SEE DETAIL SHEET D15)
- 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D14)
- TYPE A SINGLE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BASIS OF BEARINGS

NORTH 001°38' EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 10 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (ACCS-83), WEST ZONE, INTERNATIONAL FOOT (FT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "50 33" = LATITUDE 35°08'22.70034"N, LONGITUDE 114°09'51.57246"W (NAD '83) HEIGHT 2552.453911R (NAVD'83)

STONE 1/4 COR 3/2 = LATITUDE 35°08'55.53389"N, LONGITUDE 114°10'30.72281"W (NAD '83) HEIGHT 2496.204681R (NAVD'83)

BENCHMARK

BENCHMARK # "50 34" M.C.S.D. ELEVATION= 2590.24273 FT (NAVD '83)

DESCRIPTION: ALUM CAP 2" DIA. SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHIMMUP DR. AND HOPE RD., STAMPED "50 34 1999 RLS 10343"

GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC, DATED: 12 SEPTEMBER 05, PROJECT NO.: 1080-GE0

FEMA FLOOD ZONE

FEMA MAP: PANEL NO. 040508 2355C
MAP UPDATE: OCT 20, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "X" THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "C", WHICH IS OUTSIDE THE AREA OF THE 100-YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE:

ADD 2400' TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

LEGEND

- = DRIVEWAY
- = HIGH POINT SWALE DIRECTION
- = EXISTING GRADE
- = FUTURE GRADE
- = TOP OF RET. WALL/TOP OF FOOTING
- = PAD HIGH POINT ELEVATION
- = FLOWLINE ELEVATION
- = CENTERLINE FINISHED GRADE ELEVATION
- = TOP OF CURB ELEVATION
- = FINISHED GRADE ELEVATION
- = RATE & DIRECTION OF SLOPE
- = TOP OF CURB STATIONING
- = RETAINING WALL
- = PERIMETER BLOCK WALL
- = PROPERTY LINE
- = GRADE BREAK
- = EASEMENT LINE
- = CENTER LINE
- = EXISTING LINE
- = FUTURE LINE
- = SCARP
- = FINISHED FLOOR ELEVATION
- = PAD ELEVATION
- = EXISTING CONTOUR
- = LOT NUMBER
- = SWALE
- = SUBDIVISION/LIMIT BOUNDARY
- = 5' FT TRANSITION ("L" CURB TO "ROLL" CURB)
- = CURB, GUTTER, AND SIDEWALK
- = S/W RAMP
- = DRAINAGE EASEMENT
- = PUBLIC ADDRESS EASEMENT
- = PRIVATE UTILITY EASEMENT

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 10-18-05



DATE	BY	REVISION

SCALE (H) 1" = 40'
SCALE (V) 1" = 10'
DRAWN BY CA/TM
CHECKED BY SH/DB
DATE 10-18-05

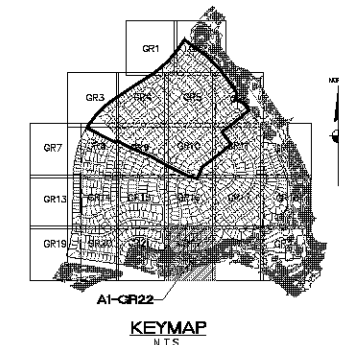
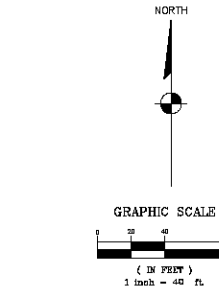
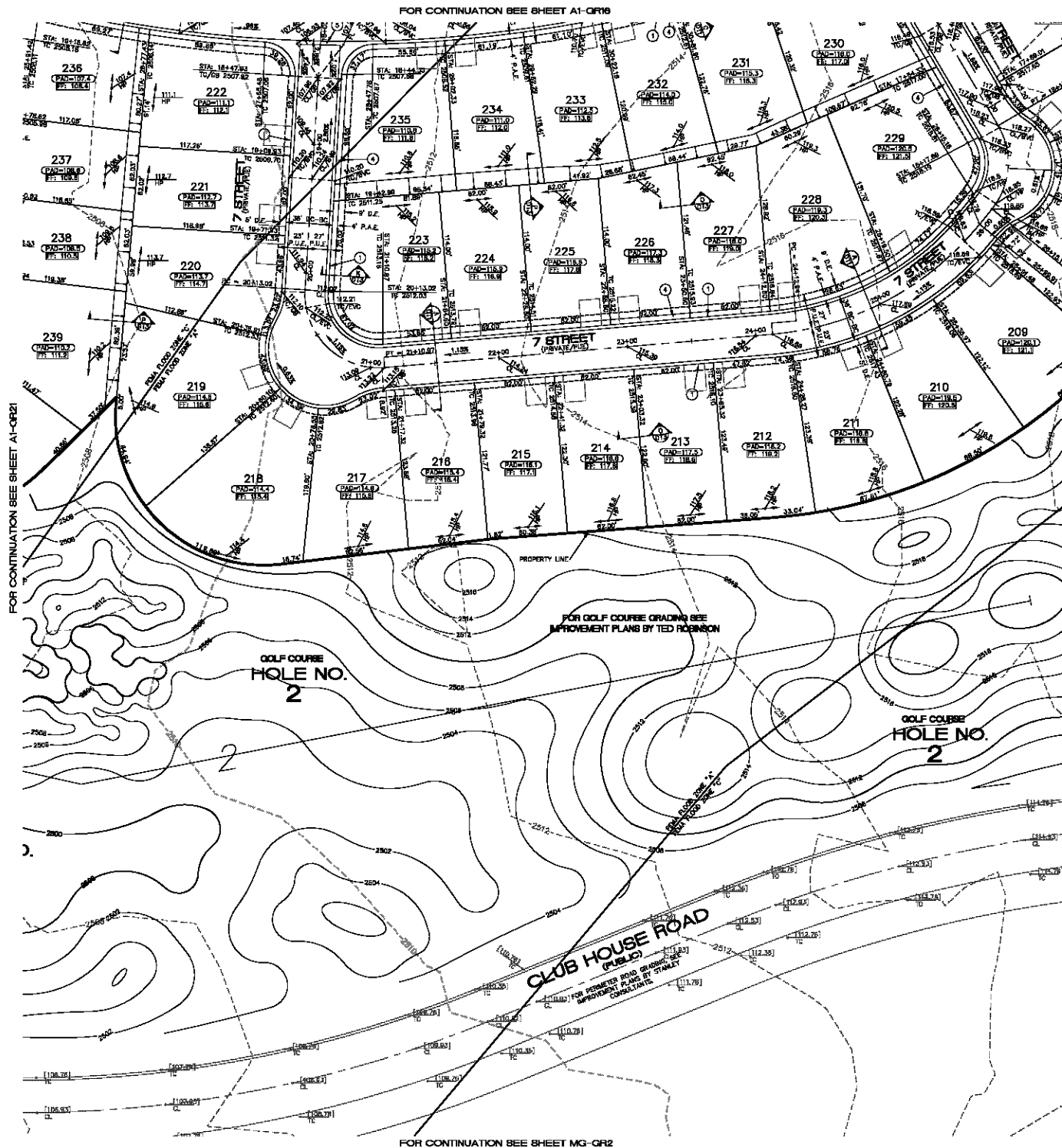
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ARIZONA

RHODES HONES ARIZONA, LLC
GOLDEN VALLEY RANCH
AREA 1
GRADING PLAN 21

SHEET
A1-QR21
29 OF 94 SHEETS
SCI PROJECT#
18419



CONSTRUCTION NOTES

- 1 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D74
- 2 24" VERTICAL CURB AND GUTTER PER M.G.S. STD. DETAIL NO. 230 (TYPE A) (SEE DETAIL SHEET D74)
- 3 5' CURB TRANSITION PER DETAIL ON SHEET D73
- 4 CONCRETE SIDEWALK PER M.G.S. STANDARD DETAIL NO. 230 (SEE DETAIL SHEET D74)
- 5 VALLEY GUTTER PER M.G.S. STANDARD DETAIL NO. 240 (SEE DETAIL SHEET D74)
- 6 DROP CURB PER DETAIL ON SHEET D75
- 7 SIDEWALK EQUIPPED PER M.G.S. STANDARD DETAIL NO. 263 (SEE DETAIL SHEET D75)
- 8 24" RIBBON CURB PER M.G.S. STD. DETAIL NO. 220 (TYPE B) (SEE DETAIL SHEET D74)
- 9 TYPE A SINGLE CURB PER M.G.S. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BASIS OF BEARINGS

NORTH 001°30' EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GILA & SALT RIVER WATERSHED, MARICOPA COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (D74) UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-0905

M.G.S.D. "50 33" = LATITUDE 39°08'23.7003474, LONGITUDE 114°09'21.5724074 (NAD 83) HEIGHT 2082.4639111 (NAVD 88)

STONE 1/4 COR 3/2 = LATITUDE 39°08'35.5338574, LONGITUDE 114°09'30.7228174 (NAD 83) HEIGHT 2488.2046811 (NAVD 88)

BENCHMARK

BENCHMARK # "50 34" M.G.S.D. ELEVATION= 2880.24273 FT (NAVD 88)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHIMMUR DR. AND HOPE RD., STAMPED "50 34 1989 RLS 10343"

GEOTECHNICAL NOTE:

ALL CONSTRUCTION SHALL CONFORM WITH THE SOILS REPORT PREPARED BY: AMERICAN SOILS ENGINEERING, LLC DATED: 12 SEPTEMBER 05 PROJECT NO.: 1050-GE0

FEMA FLOOD ZONE

FEMA MAP: PANEL NO. 040058 2200C MAP UPDATED: OCT 03, 2000

A PORTION OF THE PROJECT SITE LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA ZONE "A", THE REMAINING PORTION OF THE SITE IS IDENTIFIED AS ZONE "X", WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE PLAN FOR BOUNDARY LOCATIONS.

NOTE: ADD 240" TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- CENTERLINE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STAKING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- CENTER LINE
- EXISTING LINE
- FUTURE LINE
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- 73 = LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 5 FT TRANSITION (1" CURB TO 24" ROLL CURB)
- CURB, GUTTER, AND SIDEWALK
- 3/4 RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PRIVATE UTILITY EASEMENT

DISCLAIMER NOTE

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Stanley Consultants Inc.

PHOENIX, ARIZONA, LLC
GOLDEN VALLEY BRANCH
AREA 1
GRADING PLAN 22

SHEET
A1-QR22
30 OF 94 SHEETS
SCI PROJECT#
184-19